

# Forensic applications

## Ethanol and ethanol congeners

### Ethanol in water

Code	Product	Unit
CERE-056	Ethanol-20 20 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-040	Ethanol-10 10 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-042	Ethanol-15 15 mg/dL - 5 mL water / ampoule	5 x 5 mL
CERE-043	Ethanol-20 20 mg/dL - 5 mL water / ampoule	5 x 5 mL
CERE-035	Ethanol-25 25 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-045	Ethanol-40 40 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-029	Ethanol-50 50 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-030	Ethanol-80 80 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-037	Ethanol-80 80 mg/dL - 5 mL water / ampoule	5 x 5 mL
CERE-031	Ethanol-100 100 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-038	Ethanol-100 100 mg/dL - 5 mL water / ampoule	5 x 5 mL
CERE-041	Ethanol-150 150 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-032	Ethanol-200 200 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-039	Ethanol-200 200 mg/dL - 5 mL water / ampoule	5 x 5 mL
CERE-033	Ethanol-300 300 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-036	Ethanol-400 400 mg/dL - 1.2 mL water / ampoule	10 x 1.2 mL
CERE-044	Ethanol-400 400 mg/dL - 5 mL water / ampoule	5 x 5 mL
CERE-034	Ethanol calibration kit 2 ampoules of each of the individual standards. Ethanol at stated concentration (mg/dL), 1.2 mL/ampoule, 10 ampoules per kit Ethanol-50 mg/dL ..... CERE-029 Ethanol-80 mg/dL ..... CERE-030 Ethanol-100 mg/dL ..... CERE-031 Ethanol-200 mg/dL ..... CERE-032 Ethanol-300 mg/dL ..... CERE-033	10 x 1.2 mL
ERML-AC409a	Aqueous ethanol - 20 mg/100 mL Ethanol mass concentration ..... 19.9 mg / 100 mL	50 mL
ERM-AC401D	Aqueous ethanol - 80 mg / 100 mL Ethanol mass concentration ..... 79.8 mg / 100 mL	50 mL
ERM-AC402B	Aqueous ethanol - 107 mg / 100 mL Ethanol mass concentration ..... 106.5 mg / 100 mL	25 mL
ERM-AC403B	Aqueous ethanol - 200 mg / 100 mL Ethanol mass concentration ..... 200.1 mg / 100 mL	25 mL

ERM-AC404D-1	Ethanol/water - 5% Ethanol Certified value Ethanol..... 5.06 mL/100 mL at 20°C Density..... .989.92 kg/m <sup>3</sup> at 20°C	50 mL
ERM-AC404	Ethanol/water - 5% Ethanol Certified value Ethanol..... 5.06 mL/100 mL at 20°C Density..... .989.92 kg/m <sup>3</sup> at 20°C	5 x 50 mL
ERM-AC405	Ethanol/water - 15% Ethanol Certified value Ethanol..... 15.94 mL/100 mL at 20°C Density..... .977.87 kg/m <sup>3</sup> at 20°C	50 mL
ERM-AC405B	Ethanol/water - 15% Ethanol Certified value Ethanol..... 15 mL/100 mL at 20°C	5 x 50 mL
ERM-AC406-1	Ethanol/water - 40% Ethanol Certified value Ethanol..... 40.09 mL/100 mL at 20°C Density..... .946.85 kg/m <sup>3</sup> at 20°C	50 mL
ERM-AC406	Ethanol/water - 40% Ethanol Certified value Ethanol..... 40.09 mL/100 mL at 20°C Density..... .946.85 kg/m <sup>3</sup> at 20°C	5 x 50 mL
ERM-AC407	Ethanol/water - 70% Ethanol Certified value Ethanol..... 70.01 mL/100 mL at 20°C Density..... .884.46 kg/m <sup>3</sup> at 20°	50 mL
ERM-AC407B	Ethanol/water - 70% Ethanol Certified value Ethanol..... 70 mL/100 mL at 20°C	5 x 50 mL
ME 20020	Aqueous ethanol standard (0.2 g/L) (Medidrug Ethanol W)	10 x 1.1mL
ME 20021	Aqueous ethanol standard (0.2 g/L) (Medidrug Ethanol W)	100 x 1.1mL
ME 20023	Aqueous ethanol standard (0.2 g/L) (Medidrug Ethanol W)	10 x 3mL
ME 20030	Aqueous ethanol standard (0.3 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20031	Aqueous ethanol standard (0.3 g/L) (Medidrug Ethanol W)	100 x 1.1mL
ME 20033	Aqueous ethanol standard (0.3 g/L) (Medidrug Ethanol W)	10 x 3 mL
ME 20051	Aqueous ethanol standard (0.5 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20050	Aqueous ethanol standard (0.5 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20053	Aqueous ethanol standard (0.5 g/L) (Medidrug Ethanol W)	10 x 3 mL
ME 20081	Aqueous ethanol standard (0.8 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20080	Aqueous ethanol standard (0.8 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20083	Aqueous ethanol standard (0.8 g/L) (Medidrug Ethanol W)	10 x 3 mL
ME 20101	Aqueous ethanol standard (1.0 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20100	Aqueous ethanol standard (1.0 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20103	Aqueous ethanol standard (1.0 g/L) (Medidrug Ethanol W)	10 x 3 mL

ME 20111	Aqueous ethanol standard (1.1 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20110	Aqueous ethanol standard (1.1 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20113	Aqueous ethanol standard (1.1 g/L) (Medidrug Ethanol W)	10 x 3 mL
ME 20131	Aqueous ethanol standard (1.3 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20130	Aqueous ethanol standard (1.3 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20133	Aqueous ethanol standard (1.3 g/L) (Medidrug Ethanol W)	10 x 3 mL
ME 20151	Aqueous ethanol standard (1.5 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20150	Aqueous ethanol standard (1.5 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20153	Aqueous ethanol standard (1.5 g/L) (Medidrug Ethanol W)	10 x 3 mL
ME 20201	Aqueous ethanol standard (2.0 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20200	Aqueous ethanol standard (2.0 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20203	Aqueous ethanol standard (2.0 g/L) (Medidrug Ethanol W)	10 x 3 mL
ME 20301	Aqueous ethanol standard (3.0 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20300	Aqueous ethanol standard (3.0 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20303	Aqueous ethanol standard (3.0 g/L) (Medidrug Ethanol W)	10 x 3 mL
ME 20401	Aqueous ethanol standard (4.0 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20400	Aqueous ethanol standard (4.0 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20403	Aqueous ethanol standard (4.0 g/L) (Medidrug Ethanol W)	10 x 3 mL
ME 20500	Aqueous ethanol standard (5.0 g/L) (Medidrug Ethanol W)	10 x 1.1 mL
ME 20501	Aqueous ethanol standard (5.0 g/L) (Medidrug Ethanol W)	100 x 1.1 mL
ME 20503	Aqueous ethanol standard (5.0 g/L) (Medidrug Ethanol W)	10 x 3 mL
NIST-2891	Ethanol-water solution (nominal 0.02 % mass fraction)  This reference material is a solution of ethanol in water at a nominal level of 0.02 % mass fraction. The material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in blood. A unit consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. Certified value Ethanol ..... 0.01951 ± 0.00018 %	unit (5)
NIST-2892	Ethanol-water solution (nominal 0.04 % mass fraction)  This reference material is a solution of ethanol in water at a nominal level of 0.04 % mass fraction. The material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in blood. A unit consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. Certified value Ethanol ..... 0.03900 ± 0.00046 %	unit (5)
NIST-2893	Ethanol-water solution (nominal 0.08 % mass fraction)  This reference material is a solution of ethanol in water at a nominal level of 0.08 % mass fraction. The material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in blood. A unit consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. Certified value Ethanol ..... 0.08023 ± 0.00074 %	unit (5)

NIST-2894	Ethanol-water solution (nominal 0.1 % mass fraction) This reference material is a solution of ethanol in water at a nominal level of 0.1 % mass fraction. The material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in blood. A unit consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. Certified value Ethanol ..... 0.10084 ± 0.00083 %	unit (5)
NIST-2895	Ethanol-water solution (nominal 0.2 % mass fraction) This reference material is a solution of ethanol in water at a nominal level of 0.2 % mass fraction. This material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in blood. A unit consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. Certified value Ethanol ..... 0.1701 ± 0.0014 %	unit (5)
NIST-2896	Ethanol-water solution (nominal 0.3 % mass fraction) This reference material is a solution of ethanol in water at a nominal level of 0.3 % mass fraction. The material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in blood. A unit consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. Certified value Ethanol ..... 0.2080 ± 0.0030 %	unit (5)
NIST-2897	Ethanol-water solution (nominal 2 % mass fraction) This reference material is a solution of ethanol in water at a nominal level of 2 % mass fraction. The material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in breath. A unit consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. Certified value Ethanol ..... 1.554 ± 0.016 %	unit (5)
NIST-2898	Ethanol-water solution (nominal 6 % mass fraction) This reference material is a solution of ethanol in water at a nominal level of 6 % mass fraction. The material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in breath. A unit consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. Certified value Ethanol ..... 6.040 ± 0.043 %	unit (5)
NIST-2899	Ethanol-water solution (nominal 25 % mass fraction) This reference material is a solution of ethanol in water at a nominal level of 25 % mass fraction. The material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in breath. A unit consists of five 2 mL ampoules, each containing approximately 1.2 mL of solution. Certified value Ethanol ..... 25.21 ± 0.22 %	unit (5)
NIST-1847	Ethanol-water solutions (breath-alcohol testing; three levels) This reference material is a set of three levels of ethanol in water. The material is intended primarily for use in the calibration of instruments and techniques used for the determination of ethanol in breath. A unit consists of six ampoules, two ampoules each of the nominal levels (mass fraction) of 2 %, 6 %, and 25 %, each containing approximately 10 mL of solution. Nominal and certified levels (mass fraction) 2 % ..... 1.554 ± 0.016 % 6 % ..... 6.040 ± 0.043 % 25 % ..... 25.21 ± 0.22 %	unit (6)

### Alcohol congeners in water

CERA-057	Multi-component alcohol mix 500 µg/mL 4 components in water, 500 µg/mL of each component: acetone, isopropanol, ethanol, methanol	1.2 mL
CERA-056	Multi-component alcohol mix 1000 µg/mL 4 components in water, 1000 µg/mL of each component: acetone, isopropanol, ethanol, methanol	1.2 mL
CERA-061	Multi-component alcohol mix 4000 µg/mL 4 components in water, 4000 µg/mL of each component: acetone, isopropanol, ethanol, methanol	1.2 mL
CERA-054	Multi-component alcohol calibration kit Prepared as congener alcohols in water. It contains three ampoules each of three different concentration levels. Analytes      level 1      level 2      level 3 µg/mL      µg/mL      µg/mL Acetone..... 500 ..... 1000 ..... 4000 Methanol ..... 500 ..... 1000 ..... 4000 Ethanol ..... 500 ..... 1000 ..... 4000 Isopropanol ..... 500 ..... 1000 ..... 4000	3 x 1.2 mL

Code	Product	Unit
ME 90311	Aqueous congener alcohols standard, level 1 Aqueous standard of different congener alcohols for calibration of congener alcohols determinations (Medidrug BGS W). The concentration values have been determined by independent laboratories of forensic medicine. Analytes Acetone..... 2.5 mg/L Isobutanol..... 0.5 mg/L Methanol..... 4 mg/L 2-Methyl-1-butanol..... 0.5 mg/L 1-Butanol (n-Butyl alcohol)..... 0.5 mg/L 3-Methyl-1-butanol..... 0.5 mg/L 2-Butanol (sec.-Butyl alcohol)..... 0.5 mg/L 1-Propanol (n-Propyl alcohol)..... 0.5 mg/L 2-Butanone (Methyl ethyl ketone)..... 0.5 mg/L Ethanol..... 1.5 g/L	10 x 1.2 mL
ME 90321	Aqueous congener alcohols standard, level 2 Aqueous standard of different congener alcohols for calibration of congener alcohols determinations (Medidrug BGS W). The concentration values have been determined by independent laboratories of forensic medicine. Analytes Acetone..... 5.0 mg/L Isobutanol..... 1.00 mg/L Methanol..... 8.0 mg/L 2-Methyl-1-butanol..... 1.0 mg/L 1-Butanol (n-Butyl alcohol)..... 1.0 mg/L 3-Methyl-1-butanol..... 1.0 mg/L 2-Butanol (sec.-Butyl alcohol)..... 1.0 mg/L 1-Propanol (n-Propyl alcohol)..... 1.0 mg/L 2-Butanone (Methyl ethyl ketone)..... 1.0 mg/L Ethanol..... 1.5 g/L	10 x 1.2 mL
ME 90331	Aqueous congener alcohols standard, level 3 Aqueous standard of different congener alcohols for calibration of congener alcohols determinations (Medidrug BGS W). The concentration values have been determined by independent laboratories of forensic medicine. Analytes Acetone..... 10.0 mg/L Isobutanol..... 2.0 mg/L Methanol..... 16.0 mg/L 2-Methyl-1-butanol..... 2.0 mg/L 1-Butanol (n-Butyl alcohol)..... 2.0 mg/L 3-Methyl-1-butanol..... 2.0 mg/L 2-Butanol (sec.-Butyl alcohol)..... 2.0 mg/L 1-Propanol (n-Propyl alcohol)..... 2.0 mg/L 2-Butanone (Methyl ethyl ketone)..... 2.0 mg/L Ethanol..... 1.5 g/L	10 x 1.2 mL
ME 91341	Aqueous congener alcohols control, level 4 Aqueous congener alcohols control (Medidrug BGS W) for quality control of quantitative determinations of congener alcohols by GC. The concentration values have been determined by independent laboratories of forensic medicine. Analytes Acetone..... 2.0 mg/L 2-Methyl-1-butanol..... 0.4 mg/L Methanol..... 4.0 mg/L 3-Methyl-1-butanol..... 0.4 mg/L 1-Butanol..... 0.4 mg/L 1-Propanol..... 0.4 mg/L 2-Butanol..... 0.4 mg/L 2-Propanol..... 0.4 mg/L 2-Butanone (Methyl ethyl ketone)..... 0.4 mg/L Ethanol..... 1.5 g/L Isobutanol..... 0.4 mg/L	10 x 1.2 mL
ME 91351	Aqueous congener alcohols control, level 5 Aqueous congener alcohols control (Medidrug BGS W) for quality control of quantitative determinations of congener alcohols by GC. The concentration values have been determined by independent laboratories of forensic medicine. Analytes Acetone..... 2.5 mg/L 2-Methyl-1-butanol..... 0.5 mg/L Methanol..... 5.0 mg/L 3-Methyl-1-butanol..... 0.5 mg/L 1-Butanol..... 0.5 mg/L 1-Propanol..... 0.5 mg/L 2-Butanol..... 0.5 mg/L 2-Propanol..... 0.5 mg/L 2-Butanone (Methyl ethyl ketone)..... 0.5 mg/L Ethanol..... 1.5 g/L Isobutanol..... 0.5 mg/L	10 x 1.2 mL
ME 91361	Aqueous congener alcohols control, level 6 Aqueous congener alcohols control (Medidrug BGS W) for quality control of quantitative determinations of congener alcohols by GC. The concentration values have been determined by independent laboratories of forensic medicine. Analytes Acetone..... 5.0 mg/L 2-Methyl-1-butanol..... 1.0 mg/L Methanol..... 10.0 mg/L 3-Methyl-1-butanol..... 1.0 mg/L 1-Butanol..... 1.0 mg/L 1-Propanol..... 1.0 mg/L 2-Butanol..... 1.0 mg/L 2-Propanol..... 1.0 mg/L 2-Butanone (Methyl ethyl ketone)..... 1.0 mg/L Ethanol..... 1.5 g/L Isobutanol..... 1.0 mg/L	10 x 1.2 mL
ME 91371	Aqueous congener alcohols control, level 7 Aqueous congener alcohols control (Medidrug BGS W) for quality control of quantitative determinations of congener alcohols by GC. The concentration values have been determined by independent laboratories of forensic medicine. Analytes Acetone..... 10.0 mg/L 2-Methyl-1-butanol..... 2.0 mg/L Methanol..... 20.0 mg/L 3-Methyl-1-butanol..... 2.0 mg/L 1-Butanol..... 2.0 mg/L 1-Propanol..... 2.0 mg/L 2-Butanol..... 2.0 mg/L 2-Propanol..... 2.0 mg/L 2-Butanone (Methyl ethyl ketone)..... 2.0 mg/L Ethanol..... 1.5 g/L Isobutanol..... 2.0 mg/L	10 x 1.2 mL
<b>Ethanol in serum</b>		
ME 11020	Ethanol in human serum with reference values (0.2 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11022	Ethanol in human serum with reference values (0.2 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL
ME 11023	Ethanol in human serum with reference values (0.2 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11030	Ethanol in human serum with reference values (0.3 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11032	Ethanol in human serum with reference values (0.3 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
ME 11033	Ethanol in human serum with reference values (0.3 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11050	Ethanol in human serum with reference values (0.5 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11052	Ethanol in human serum with reference values (0.5 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL
ME 11053	Ethanol in human serum with reference values (0.5 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11080	Ethanol in human serum with reference values (0.8 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11082	Ethanol in human serum with reference values (0.8 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL
ME 11083	Ethanol in human serum with reference values (0.8 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11100	Ethanol in human serum with reference values (1.0 g/L) (Medidrug Ethanol S)	10 x 1.1 mL
ME 11102	Ethanol in human serum with reference values (1.0 g/L) (Medidrug Ethanol S)	10 x 1.5 mL
ME 11103	Ethanol in human serum with reference values (1.0 g/L) (Medidrug Ethanol S)	10 x 3 mL
ME 11110	Ethanol in human serum with reference values (1.1 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11112	Ethanol in human serum with reference values (1.1 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL
ME 11113	Ethanol in human serum with reference values (1.1 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11130	Ethanol in human serum with reference values (1.3 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11132	Ethanol in human serum with reference values (1.3 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL
ME 11133	Ethanol in human serum with reference values (1.3 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11150	Ethanol in human serum with reference values (1.5 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11152	Ethanol in human serum with reference values (1.5 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL
ME 11153	Ethanol in human serum with reference values (1.5 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11200	Ethanol in human serum with reference values (2.0 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11202	Ethanol in human serum with reference values (2.0 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL
ME 11203	Ethanol in human serum with reference values (2.0 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11300	Ethanol in human serum with reference values (3.0 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11302	Ethanol in human serum with reference values (3.0 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL
ME 11303	Ethanol in human serum with reference values (3.0 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11400	Ethanol in human serum with reference values (4.0 g/L) (Medidrug Ethanol S-plus)	10 x 1.1 mL
ME 11402	Ethanol in human serum with reference values (4.0 g/L) (Medidrug Ethanol S-plus)	10 x 1.5 mL
ME 11403	Ethanol in human serum with reference values (4.0 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 11500	Ethanol in human serum with reference values (5.0 g/L) (Medidrug Ethanol S-plus)	10x1.1 mL
ME 11502	Ethanol in human serum with reference values (5.0 g/L) (Medidrug Ethanol S-plus)	10x1.5 mL
ME 11503	Ethanol in human serum with reference values (5.0 g/L) (Medidrug Ethanol S-plus)	10 x 3 mL
ME 12012	Ethanol in human serum, precision control, X1 (0.5 - 0.6 g/L) (Medidrug Ethanol S-X)	10 x 1.5 mL
ME 12013	Ethanol in human serum, precision control, X1 (0.5 - 0.6 g/L) (Medidrug Ethanol S-X)	10 x 3 mL
ME 12022	Ethanol in human serum, precision control, X2 (0.8 - 1.1 g/L) (Medidrug Ethanol S-X)	10 x 1.5 mL

Code	Product	Unit
ME 12023	Ethanol in human serum, precision control, X2 (0.8 - 1.1 g/L) (Medidrug Ethanol S-X)	10 x 3 mL
ME 12032	Ethanol in human serum, precision control, X3 (2.0 - 3.0 g/L) (Medidrug Ethanol S-X)	10 x 1.5 mL
ME 12033	Ethanol in human serum, precision control, X3 (2.0 - 3.0 g/L) (Medidrug Ethanol S-X)	10 x 3 mL
<b>Alcohol congeners in serum</b>		
ME 90111	Congener alcohols in human serum (low)  Human serum control (Medidrug® BGS S) of different congener alcohols for quality control of congener alcohols determinations from serum. The concentration values have been determined by independent laboratories of forensic medicine. - This material will be replaced by ME 91151 soon -  Analytes  Acetone..... 2.5 mg/L Isobutanol (Isobutyl alcohol)..... 0.5 mg/L Methanol ..... 4.0 mg/L 2-Methyl-1-butanol ..... 0.5 mg/L 1-Butanol (n-Butyl alcohol)..... 0.5 mg/L 3-Methyl-1-butanol (Isopentyl alcohol) ..... 0.5 mg/L 2-Butanol (sec.-Butyl alcohol) ..... 0.5 mg/L 1-Propanol (n-Propyl alcohol) ..... 0.5 mg/L 2-Butanone(Methyl ethyl ketone) ..... 0.5 mg/L Ethanol ..... 1.5 g/L	10 x 1.2 mL
ME 90121	Congener alcohols in human serum (medium)  Human serum control (Medidrug® BGS S) of different congener alcohols for quality control of congener alcohols determinations from serum. The concentration values have been determined by independent laboratories of forensic medicine. - This material will be replaced by ME 91161 soon -  Analytes  Acetone..... 5.0 mg/L Isobutanol (Isobutyl alcohol)..... 1.0 mg/L Methanol ..... 8.0 mg/L 2-Methyl-1-butanol ..... 1.0 mg/L 1-Butanol (n-Butyl alcohol)..... 1.0 mg/L 3-Methyl-1-butanol (Isopentyl alcohol) ..... 1.0 mg/L 2-Butanol (sec.-Butyl alcohol) ..... 1.0 mg/L 1-Propanol (n-Propyl alcohol) ..... 1.0 mg/L 2-Butanone(Methyl ethyl ketone) ..... 1.0 mg/L Ethanol ..... 1.5 g/L	10 x 1.2 mL
ME 90131	Congener alcohols in human serum (high)  Human serum control (Medidrug® BGS S) of different congener alcohols for quality control of congener alcohols determinations from serum. The concentration values have been determined by independent laboratories of forensic medicine. - This material will be replaced by ME 91171 soon -  Analytes  Acetone..... 10.0 mg/L Isobutanol (Isobutyl alcohol)..... 2.0 mg/L Methanol ..... 18.0 mg/L 2-Methyl-1-butanol ..... 2.0 mg/L 1-Butanol (n-Butyl alcohol)..... 2.0 mg/L 3-Methyl-1-butanol (Isopentyl alcohol) ..... 2.0 mg/L 2-Butanol (sec.-Butyl alcohol) ..... 2.0 mg/L 1-Propanol (n-Propyl alcohol) ..... 2.0 mg/L 2-Butanone(Methyl ethyl ketone) ..... 2.0 mg/L Ethanol ..... 1.5 g/L	10 x 1.2 mL
ME 91141	Congener alcohols in human serum, level 4  Serum control (Medidrug BGS S) for quality control of quantitative determinations of congener alcohols by GC. The concentration values have been determined by independent laboratories of forensic medicine.  Analytes  Acetone..... 2.0 mg/L 2-Methyl-1-butanol ..... 0.4 mg/L Methanol ..... 4.0 mg/L 3-Methyl-1-butanol ..... 0.4 mg/L 1-Butanol ..... 0.4 mg/L 1-Propanol ..... 0.4 mg/L 2-Butanol ..... 0.4 mg/L 2-Propanol ..... 0.4 mg/L 2-Butanone ..... 0.4 mg/L Ethanol ..... 1.5 g/L Isobutanol ..... 0.4 mg/L	10 x 1.2 mL
ME 91151	Congener alcohols in human serum, level 5  Serum control (Medidrug BGS S) for quality control of quantitative determinations of congener alcohols by GC. The concentration values have been determined by independent laboratories of forensic medicine.  Analytes  Acetone..... 2.5 mg/L 2-Methyl-1-butanol ..... 0.5 mg/L Methanol ..... 5.0 mg/L 3-Methyl-1-butanol ..... 0.5 mg/L 1-Butanol ..... 0.5 mg/L 1-Propanol ..... 0.5 mg/L 2-Butanol ..... 0.5 mg/L 2-Propanol ..... 0.5 mg/L 2-Butanone ..... 0.5 mg/L Ethanol ..... 1.5 g/L Isobutanol ..... 0.5 mg/L	10 x 1.2 mL
ME 91161	Congener alcohols in human serum, level 6  Serum control (Medidrug BGS S) for quality control of quantitative determinations of congener alcohols by GC. The concentration values have been determined by independent laboratories of forensic medicine.  Analytes  Acetone..... 5.0 mg/L 2-Methyl-1-butanol ..... 1.0 mg/L Methanol ..... 10.0 mg/L 3-Methyl-1-butanol ..... 1.0 mg/L 1-Butanol ..... 1.0 mg/L 1-Propanol ..... 1.0 mg/L 2-Butanol ..... 1.0 mg/L 2-Propanol ..... 1.0 mg/L 2-Butanone ..... 1.0 mg/L Ethanol ..... 1.5 g/L Isobutanol ..... 1.0 mg/L	10 x 1.2 mL
ME 91171	Congener alcohols in human serum, level 7  Serum control (Medidrug BGS S) for quality control of quantitative determinations of congener alcohols by GC. The concentration values have been determined by independent laboratories of forensic medicine.  Analytes  Acetone..... 10.0 mg/L 2-Methyl-1-butanol ..... 2.0 mg/L Methanol ..... 20.0 mg/L 3-Methyl-1-butanol ..... 2.0 mg/L 1-Butanol ..... 2.0 mg/L 1-Propanol ..... 2.0 mg/L 2-Butanol ..... 2.0 mg/L 2-Propanol ..... 2.0 mg/L 2-Butanone ..... 2.0 mg/L Ethanol ..... 1.5 g/L Isobutanol ..... 2.0 mg/L	10 x 1.2 mL

### Ethanol in blood

ME 61050	Ethanol in human whole blood, 0.5 g/L (Medidrug Ethanol VB-plus)	10 x 1.1ml
ME 61052	Ethanol in human whole blood, 0.5 g/L (Medidrug Ethanol VB-plus)	10 x 1,5 ml

如需帮助, 请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
ME 61053	Ethanol in human whole blood, 0.5 g/L (Medidrug Ethanol VB-plus)	10 x 3 mL
ME 61080	Ethanol in human whole blood, 0.8 g/L (Medidrug Ethanol VB-plus)	10 x 1.1 mL
ME 61082	Ethanol in human whole blood, 0.8 g/L (Medidrug Ethanol VB-plus)	10 x 1.5 mL
ME 61083	Ethanol in human whole blood, 0.8 g/L (Medidrug Ethanol VB-plus)	10 x 3 mL
ME 61110	Ethanol in human whole blood, 1.1 g/L (Medidrug Ethanol VB-plus)	10 x 1.1 mL
ME 61112	Ethanol in human whole blood, 1.1 g/L (Medidrug Ethanol VB-plus)	10 x 1.5 mL
ME 61113	Ethanol in human whole blood, 1.1 g/L (Medidrug Ethanol VB-plus)	10 x 3 mL

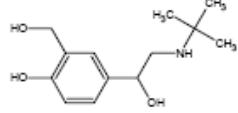
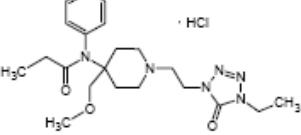
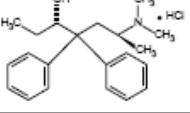
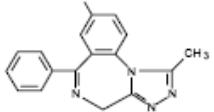
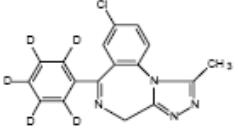
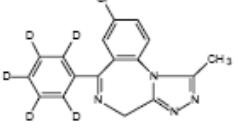
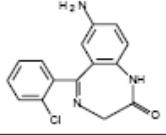
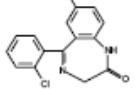
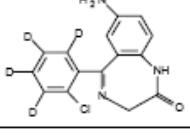
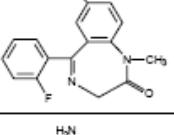
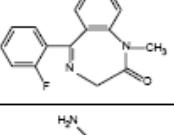
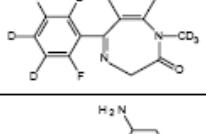
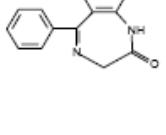
#### Markers for identification of ethanol use

ME 70002	Ethyl-β-D-6-glucuronide	2 mg
ME 70010	Ethyl-β-D-6-glucuronide	10 mg
ME 70502	Ethyl-β-D-6-glucuronide-D5	2 mg
ME 70510	Ethyl-β-D-6-glucuronide-D5	10 mg
ME 41055	Ethylglucuronide in human serum (Medidrug ETG 1/05-A S-plus)	10 x 2.5 mL
	Lyophilised serum control prepared from human serum for accuracy and precision monitoring of ethylglucuronide determinations in serum. The reference value ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry)	
	reference value	
	Ethylglucuronide ..... 1.7 mg/L	
ME 41056	Ethylglucuronide in human serum (Medidrug ETG 2/05-A S-plus)	10 x 2.5 mL
	Lyophilised serum control prepared from human serum for accuracy and precision monitoring of ethylglucuronide determinations in serum. The reference value ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry)	
	reference value	
	Ethylglucuronide ..... 0.91 mg/L	
ME 41057	Ethylglucuronide in human serum (Medidrug ETG 1/06-A S-plus)	10 x 2.5 mL
	Lyophilised serum control prepared from human serum for accuracy and precision monitoring of ethylglucuronide determinations in serum. The reference value ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry)	
	reference value	
	Ethylglucuronide ..... 3.64 mg/L	
ME 41075	Ethylglucuronide in human urine (Medidrug ETG 1/05-B U-plus)	10 x 2.5 mL
	Lyophilised urine control prepared from human urine for accuracy and precision monitoring of ethylglucuronide determinations in urine. The assay values and confidence ranges were established by a large number of independent institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry)	
	certified value	
	Ethylglucuronide ..... 2.70 mg/L	
ME 41077	Ethylglucuronide in human urine (Medidrug ETG 1/06-B U-plus)	10 x 2.5 mL
	Lyophilised human urine control for accuracy and precision monitoring of ethylglucuronide determinations from human urine. The reference values were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry)	
	Ethylglucuronide ..... 4.46 mg/L	
ME 41078	Ethylglucuronide, human urine control with reference values (Medidrug ETG 1/07-B U-plus)	10 x 2.5 mL
	Lyophilised human urine control for accuracy and precision monitoring of ethylglucuronide determinations from human urine. The reference values were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry)	
	Ethylglucuronide ..... 1.53 mg/L	

#### Drugs of abuse and metabolites

Code	Product	Unit
CERA-064	Acetaminophen (1.0 mg/ml) (Paracetamol) in Methanol	1 mL
CERP-909	Acetaminophen-D4 (0.1 mg/ml) (Paracetamol) in Methanol	1 mL

Code	Product	Unit
CERP-917	Acetaminophen-D4 (1.0 mg/mL) (Paracetamol) in Methanol	1 mL
TRC-A105000	Abacavir sulfate	5 mg
NMIAD445	N-Acetylamphetamine	50 mg
NMIAD821	Acetylcodeine base	50 mg
CERA-053	6-Acetylcodeine (1.0 mg/ml) in Acetonitrile	1 mL
NMIAD738	N-Acetyl-3,4-methylenedioxymphetamine	50 mg
CERA-003	6-Acetylmorphine (0.1 mg/ml) in Acetonitrile	1 mL
CERA-009	6-Acetylmorphine (1.0 mg/ml) in Acetonitrile	1 mL
CERA-006	6-Acetylmorphine-D3 (0.1 mg/ml) in Acetonitrile	1 mL
CERA-010	6-Acetylmorphine-D3 (1.0 mg/ml) in Acetonitrile	1 mL
CERA-026	6-Acetylmorphine-D6 (0.1 mg/ml) in Acetonitrile	1 mL
CERA-027	6-Acetylmorphine-D6 (1.0 mg/ml) in Acetonitrile	1 mL
NMIAD697	N-Acetylnorlaudanosine	10 mg
NMIAD704	Acetylthebaol	5 mg
CERA-066	Acylovir	100 mg

Code	Product	Unit
CERA-067	Albuterol (1.0 mg/ml) in Methanol	 1 mL
CERA-071	Alfentanyl HCl (1.0 mg/ml) (as free base) in Methanol	 1 mL
CERM-107	Alphamethadol HCl (1.0 mg/ml) in Methanol	 1 mL
CERA-903	Alprazolam (1.0 mg/ml) in Methanol	 1 mL
CERA-902	Alprazolam-D5 (0.1 mg/ml) in Methanol	 1 mL
CERA-910	Alprazolam-D5 (1.0 mg/mL) in Methanol	 1 mL
CERA-915	7-Aminoclonazepam (0.1 mg/ml) in Acetonitrile	 1 mL
CERA-916	7-Aminoclonazepam (1.0 mg/ml) in Acetonitrile	 1 mL
CERA-917	7-Aminoclonazepam-D4 (0.1 mg/ml) in Acetonitrile	 1 mL
CERA-912	7-Aminoflunitrazepam (0.1 mg/ml) in Acetonitril	 1 mL
CERA-911	7-Aminoflunitrazepam (1.0 mg/ml) in Acetonitril	 1 mL
CERA-921	7-Aminoflunitrazepam-D7 (0.1 mg/ml) in Acetonitrile	 1 mL
CERA-914	7-Aminonitrazepam (0.1 mg/ml) in Acetonitrile	 1 mL

Code	Product	Unit
CERA-913	7-Aminonitrazepam (1.0 mg/ml) in Methanol	1 mL
CERA-040	Aminorex (1.0 mg/ml) in Acetonitrile	1 mL
TRC-A632950	Amiodarone hydrochloride	5 g
TRC-A623952	Amiodarone hydrochloride-D4	2.5 mg
TRC-A633250	Amisulpride	1 mg
TRC-A633252	Amisulpride-D5	10 mg
CERA-923	Amitriptyline (1.0 mg/ml) (as free base) in Methanol	1 mL
CERA-020	Amobarbital (1.0 mg/ml) in Methanol	1 mL
CERA-011	(±)-Amphetamine (0.1 mg/ml) in Methanol	1 mL
CERA-007	(±)-Amphetamine (1.0 mg/ml) in Methanol	1 mL
CERA-049	R(-)-Amphetamine (1.0 mg/mL) (Levamfetamin) in Methanol	1 mL
CERA-008	S(+)-Amphetamine (1.0 mg/ml) in Methanol	1 mL
NMIAD420B	(±)-Amphetamine Sulfate	50 mg
CERA-005	(±)-Amphetamine-D5 (0.1 mg/ml) in Methanol	1 mL
CERA-013	(±)-Amphetamine-D5 (1.0 mg/ml) in Methanol	1 mL
CERA-002	(±)-Amphetamine-D5 (0.1 mg/ml) in Methanol	1 mL
CERA-044	Amphetamine-D6 (0.1 mg/ml) in Methanol	1 mL
CERA-045	Amphetamine-D6 (1.0 mg/ml) in Methanol	1 mL
CERA-017	(±)-Amphetamine-D8 (0.1 mg/ml) in Methanol	1 mL
CERA-018	(±)-Amphetamine-D8 (1.0 mg/ml) in Methanol	1 mL
CERA-038	(±)-Amphetamine-D10 (0.1 mg/ml) in Methanol	1 mL

Code	Product	Unit
CERA-016	(±)-Amphetamine-D11 (0.1 mg/ml) in Methanol	1 mL
CERA-019	(±)-Amphetamine-D11 (1.0 mg/ml) in Methanol	1 mL
TRC-A634400	Amprenavir	5 mg
TRC-A634402	Amprenavir-D4	1 mg
CERA-036	Anhydroecgonine HCl (1.0 mg/ml) in Methanol	1 mL
NMIAD847	Methyl anhydroecgonine	50 mg
CERA-034	Anhydroecgonine methyl ester (1.0 mg/ml) in Acetonitrile	1 mL
TRC-A790051	Atazanavir	5 mg
TRC-A790052	Atazanavir-D5	1 mg
CERA-072	Atenolol (1.0 mg/ml) in Acetonitrile	1 mL
CERA-046	Atropine (1.0 mg/ml) in Acetonitrile	1 mL
CERB-016	(+)-BDB HCl (1.0 mg/ml) in Methanol	1 mL
CERB-007	Benzoylecgognine (0.1 mg/ml) in Methanol	1 mL
CERB-004	Benzoylecgognine (1.0 mg/ml) in Methanol	1 mL
CERB-001	Benzoylecgognine-D3 (0.1 mg/ml) in Methanol	1 mL
CERB-008	Benzoylecgognine-D3 (1.0 mg/ml) in Methanol	1 mL
CERB-013	Benzoylecgognine-D8 (0.1 mg/ml) in Methanol	1 mL
CERB-014	Benzoylecgognine-D8 (1.0 mg/ml) in Methanol	1 mL

Code	Product	Unit
CERB-010	Benzoylecgonine isopropyl ester (1.0 mg/ml) in Acetonitrile	1 mL
TRC-B276580	Benzyl fentanyl	1 mg
TRC-B276582	Benzyl fentanyl-D3	1 mg
NMIAD868	Benzyl methyl ketone (P2P)	10 mg
NMIAD456	1-Benzyl-3-methylnaphthalene	50 mg
NMIAD905	BZP (Benzyl piperazine dihydrochloride)	50 mg
NMIAD745	Benzoylecgonine	50 mg
CERB-042	Boldenone (1.0 mg/ml) in Acetonitrile	1 mL
CERB-903	Bromazepam (1.0 mg/ml) in Methanol	1 mL
NMIAD396	(DOB) 4-Bromo-2,5-dimethoxyamphetamine HCl (Brolamfetamin)	20 mg
NMIAD758	4-Bromo-2,5-dimethoxyphenethylamine HCl (Nexus)	20 mg
CERB-026	4-Bromo-2,5-dimethoxyphenethylamine HCl (1.0 mg/ml) in Methanol	1 mL
NMIAD455	Bromosaffrole	50 mg
AL-01382	Brompheniramine maleate	100 mg
CERB-023	BSTFA with 1% TMCS	10 x 1 mL
TRC-B689450	Buclizine dihydrochloride	50 mg
CERB-022	Bufotenine (1.0 mg/ml) in Acetonitrile	1 mL
CERB-902	Buprenorphine (0.1 mg/ml) in Methanol	1 mL
CERB-901	Buprenorphine-D4 (0.1 mg/ml) in Methanol	1 mL

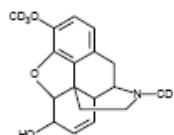
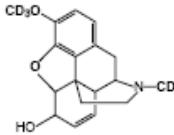
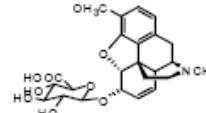
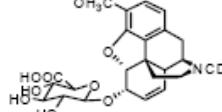
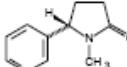
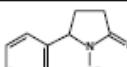
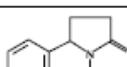
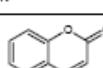
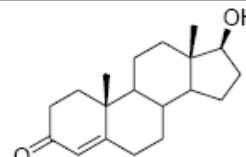
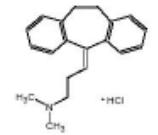
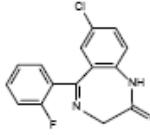
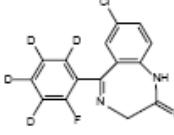
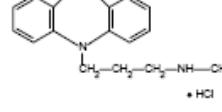
Code	Product		Unit
CERB-035	Buprenorphine-3beta-D-glucuronide (0.1 mg/mL) in Methanol		1 mL
CERB-034	Bupropion HCl (1.0 mg/ml) (as free base) in Methanol		1 mL
CERB-024	Butabarbital (1.0 mg/ml) in Methanol		1 mL
CERB-005	Butalbital-D5 (0.1 mg/ml) in Methanol		1 mL
CERB-030	Butalbital-D5 (1.0 mg/ml) in Methanol		1 mL
CERB-006	Butalbital (1.0 mg/ml) in Methanol		1 mL
CERB-020	1,4-Butanediol (1.0 mg/ml) in Methanol		1 mL
CERB-037	Butorphanol tartrate (1.0 mg/ml) (as free base) in Methanol		1 mL
CERB-018	gamma-Butyrolactone (1.0 mg/ml) in Acetonitrile		1 mL
CERB-019	gamma-Butyrolactone-D6 (0.1 mg/ml) in Acetonitrile		1 mL
CERB-032	gamma-Butyrolactone-D6 (1.0 mg/ml) in Acetonitrile		1 mL
NMIAD905	BZP (Benzyl piperazine dihydrochloride)		50 mg
NMIAM724	Caffeine		50 mg
CERC-051	Caffeine (1.0 mg/ml) in Methanol		1 mL
NMIAD512	Cannabidiol		50 mg

Code	Product	Unit
CERC-045	Cannabidiol (1.0 mg/ml) in Methanol	1 mL
CERC-046	Cannabinol (1.0 mg/ml) in Methanol	1 mL
CERC-053	Carbamazepine (1.0 mg/ml) in Methanol	1 mL
CERC-042	Carisoprodol	500 mg
CERC-077	Carisoprodol (1.0 mg/mL) in Methanol	1 mL
NMIAD891	Carphephrone *	10 mg
NMIAM297	Norpseudoephedrine HCl (Cathine)	50 mg
CERN-046	Norpseudoephedrine HCl (0.1 mg/ml) as free base in Methanol	1 mL
NMIAD725	Cathinone HCl	20 mg
CERC-028	R(+)-Cathinone HCl (1.0 mg/ml) in Methanol	1 mL
CERC-019	2S-Cathinone HCl (1.0 mg/ml) in Methanol	1 mL
CERC-022	Chlordiazepoxide (1.0 mg/ml) in Methanol	1 mL
CERC-912	Chlordiazepoxide-D5 (0.1 mg/mL) in Methanol	1 mL
TRC-C379965	Chloroquine diphosphate salt	100 mg
NMIAD907	m-Chlorophenylpiperazine hydrochloride	unit
CERC-036	Chlorpheniramine maleate (1.0 mg/ml) in Methanol	1 mL
CERC-904	Chlorpromazine HCl (1.0 mg/ml) in Methanol	1 mL
CERC-902	Chlorpromazine-D3 (0.1 mg/ml) in Methanol	1 mL

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERC-074	Chlorzoxazone (0.1 mg/mL) in Acetonitrile	1 mL
CERC-055	Cimetidine	250 mg
CERC-057	Citalopram hydrobromide (0.1 mg/ml) (as free base) in Methanol	1 mL
NMIAD468	trans-Cinnamoylcocaine	20 mg
CERC-909	Clobazam (1.0 mg/ml) in Methanol	1 mL
CERC-903	Clomipramine (1.0 mg/ml) in Methanol	1 mL
CERC-901	Clomipramine-D3 (0.1 mg/ml) in Methanol	1 mL
CERC-907	Clonazepam (1.0 mg/ml) in Methanol	1 mL
CERC-905	Clonazepam-D4 (0.1 mg/ml) in Methanol	1 mL
CERC-033	Clonidine (1.0 mg/ml) in Methanol	1 mL
CERC-059	Clozapine (1.0 mg/ml) in Methanol	1 mL
EJ-C282-1411	Clozapine-D3	unit
EJ-C283-1421	Clozapine-D8	unit
CERC-010	Cocaethylene (1.0 mg/ml) (Benzoylethylecgonine) in Acetonitrile	1 mL
CERC-009	Cocaethylene-D3 (0.1 mg/ml) in Acetonitrile	1 mL

Code	Product	Unit
CERC-024	Cocaethylene-D8 (0.1 mg/ml) in Acetonitrile	1 mL
NMIAD826	Cocaine base	50 mg
NMIAD747	Cocaine HCl	50 mg
CERC-008	Cocaine (1.0 mg/ml) in Acetonitrile	1 mL
CERC-004	Cocaine-D3 (0.1 mg/ml) in Acetonitrile	1 mL
CERC-014	Cocaine-D3 (1.0 mg/ml) in Acetonitrile	1 mL
NMIAD671	Codeine base	50 mg
NMIAD673	Codeine base-D3	1 mg
CERC-015	Codeine (0.1 mg/ml) in Methanol	1 mL
CERC-006	Codeine (1.0 mg/ml) in Methanol	1 mL
CERC-039	Codeine-D3 (0.1 mg/ml) in Methanol	5 mL
CERC-007	Codeine-D3 (1.0 mg/ml) in Methanol	1 mL
CERC-005	Codeine-D3 (0.1 mg/ml) in Methanol	1 mL

Code	Product	Unit
CERC-040	Codeine-D6 (0.1 mg/ml) in Methanol	1 mL
		
CERC-041	Codeine-D6 (1.0 mg/ml) in Methanol	1 mL
		
NMIAD694	Codeine glucuronide	0.1 mg
		
NMIAD695	Codeine glucuronide-D3	0.1 mg
		
CERC-016	(-)-Cotinine (1.0 mg/ml) in Methanol	1 mL
		
CERC-017	(±)-Cotinine-D3 (0.1 mg/ml) in Methanol	1 mL
		
CERC-035	dl-Cotinine-D3 (1.0 mg/ml) in Methanol	1 mL
		
CERC-073	Coumarin (1.0 mg/mL) in Acetonitrile	1 mL
		
TRC-C781502	Creatinine-D3	2.5 mg
NMIAD914	Cyclazadone	10 mg
		
CERC-060	Cyclobenzaprine HCl (1.0 mg/ml) (as free base) in Methanol	1 mL
		
TRC-D193500	Darunavir	5 mg
TRC-D193502	Darunavir-D9	1 mg
CERD-026	Dehydronorketamine HCl (0.1 mg/ml) as free base in Methanol	1 mL
		
TRC-D230625	Delavirdine	10 mg
TRC-D230630	Delavirdine mesylate	10 mg
CERD-915	Desalkylflurazepam (1.0 mg/ml) in Methanol	1 mL
		
CERD-924	Desalkylflurazepam-D4 (0.1 mg/ml) in Methanol	1 mL
		
CERD-906	Desipramine (1.0 mg/ml) in Methanol	1 mL
		

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERD-040	N-Desethylamodiaquine-D5 diHCl (0.1 mg/ml) in Methanol	1 mL
TRC-D288735	Desethylchloroquine	2.5 mg
CERD-903	Desipramine-D3 HCl (0.1 mg/ml) in Methanol	1 mL
CERD-916	N-Desmethylclomipramine (1.0 mg/ml) (as free base) in Methanol	1 mL
CERD-007	Desmethyldoxepin (cis/trans) (1.0 mg/ml) in Methanol	1 mL
CERD-919	Desmethylflunitrazepam(0.1 mg/ml) in Methanol	1 mL
CERD-918	Desmethylflunitrazepam (1.0 mg/ml) in Methanol	1 mL
CERD-925	N-Desmethylflunitrazepam-D4 (0.1 mg/ml) in Methanol	1 mL
TRC-D292145	O-Desmethyl Quinine	5 mg
CERD-012	(±)-N-Desmethylselegiline (1.0 mg/ml) in Methanol	1 mL
CERD-016	N-Desmethylselegiline-D11 (0.1 mg/ml) in Methanol	1 mL
CERD-023	N-Desmethyl-cis-tramadol HCl (1.0 mg/ml) in Methanol	1 mL
CERT-035	O-Desmethyl-cis-Tramadol HCl (1 mg/mL) (as free base) in Methanol	1 mL
CERD-920	N-Desmethyltrimipramine maleate (1.0 mg/ml) in Methanol	1 mL
CERD-013	Dextromethorphan (1.0 mg/ml) in Methanol	1 mL

Code	Product	Unit
CERD-034	Dextorphan tartrate (1.0 mg/ml) (as free base) in Methanol	1 mL
CERD-041	Dextrophan-D3 (0.1 mg/ml) in Methanol	1 mL
NMIAD699	Diacetylnorcodeine	5 mg
CERD-907	Diazepam (1.0 mg/ml) in Methanol	1 mL
CERD-902	Diazepam-D5 (0.1 mg/ml) in Methanol	1 mL
CERD-910	Diazepam-D5 (1.0 mg/ml) in Methanol	1 mL
CERD-028	Diclofenac sodium	250 mg
TRC-D440960	Didesethylchloroquine	1 mg
NMIAD675	N,N-Diethyltryptamine	20 mg
CERD-029	Digoxin (1.0 mg/ml) in Methanol	1 mL
CERD-019	Dihydrocodeine HCl (1.0 mg/ml) (as free base) in Methanol	1 mL
NMIAD823	Dihydrocodeine hydrogen tartrate	50 mg
CERD-021	Dihydrocodeine-D6 HCl (0.1 mg/ml) in Methanol	1 mL
CERD-033	Dihydromorphine (1.0 mg/ml ) in Methanol	1 mL

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERD-035	Diltiazem HCl (1.0 mg/ml) (as free base) in Acetonitrile	1 mL
NMIAD453	3,4-Dimethoxyamphetamine HCl	50 mg
NMIAD749	2,5-Dimethoxyamphetamine HCl	50 mg
NMIAD922	2,5-Dimethoxy-4-iodophenylethylamine HCl	10 mg
NMIAD470	(±)2,5-Dimethoxy-4-methylamphetamine HCl (DOM)	10 mg
NMIAD885	1,2-Dimethoxy-4-(2-propenyl)-benzene	25 mg
NMIAD919	2,5-Dimethoxy-4-propylthio-phenylethylamine	5 mg
NMIAD693	N,N-Dimethylamphetamine HCl	20 mg
NMIAD503	N,N-Dimethyl-3,4-methylenedioxy-amphetamine HCl	20 mg
NMIAD674	N,N-Dimethyltryptamine	20 mg
CERD-015	Diphenhydramine HCl (1.0 mg/ml) in Methanol	1 mL
CERD-017	Diphenhydramine-D3 (0.1 mg/ml) in Methanol	1 mL
NMIAD396	(DOB) 4-Bromo-2,5-dimethoxyamphetamine HCl (Brolamfetamin)	20 mg
CERD-908	Dothiepin (cis/trans) (1.0 mg/ml) in Methanol	1 mL
CERD-905	Doxepin (cis/trans) (1.0 mg/ml) in Methanol	1 mL
CERD-901	Doxepin-D3 (cis/trans) (0.1 mg/ml) in Methanol	1 mL
CERD-044	Duloxetine HCl (1.0 mg/mL) in Methanol	1 mL
NMIAD746	Econine HCl	50 mg

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERE-004	Econonine HCl (1.0 mg/ml) in Methanol	1 mL
CERE-003	Econonine-D3 HCl (0.1 mg/ml) in Methanol	1 mL
CERE-019	Econonine ethyl ester (1.0 mg/ml) in Acetonitrile	1 mL
CERE-008	Econonine methyl ester (0.1 mg/ml) in Acetonitrile	1 mL
CERE-001	Econonine methyl ester (1.0 mg/ml) in Acetonitrile	1 mL
CERE-002	Econonine methyl ester-D3 (0.1 mg/ml) in Acetonitrile	1 mL
CERE-012	EDDP perchlorate (0.1 mg/ml) in Methanol	1 mL
CERE-022	EDDP perchlorate (1.0 mg/ml) in Methanol	1 mL
CERE-021	EDDP-D3 perchlorate (0.1 mg/ml) in Methanol	1 mL
CERE-006	EDDP perchlorate (as salt)	10 mg
CERE-005	EDDP-D3 perchlorate (as salt)	5 mg
CERE-057	EMDP HCl (1.0 mg/mL) (as free base) (2-Ethyl-5-methyl-3,3-diphenylpyrrolidine) in TBD	1 mL

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
TRC-E425000	Efavirenz	10 mg
TRC-E425002	rac-Efavirenz-D4	1 mg
TRC-E525000	Emtricitabine	10 mg
TRC-E525002	Emtricitabine-13C,15N2	0.5 mg
NMIAM723	Ephedrine base	100 mg
NMIAM924	Ephedrine HCl	100 mg
CERE-011	1S,2R(+) -Ephedrine (1.0 mg/ml) in Methanol	1 mL
CERE-025	1S,2R (+)-Ephedrine-D3 HCl (0.1 mg/ml) in Methanol	1 mL
CERE-026	1S,2R (+)-Ephedrine-D3 HCl (1.0 mg/ml) in Methanol	1 mL
CERE-023	1R,2S(-)-Ephedrine HCl (1.0 mg/ml) in Methanol	1 mL
CERE-024	R(-)-Epinephrine	100 mg
CERE-901	Estazolam (1.0 mg/ml) in Methanol	1 mL
CERE-903	Estazolam-D5 (0.1 mg/ml) in Methanol	1 mL
CERE-018	(±)-N-Ethylamphetamine (1.0 mg/ml) in Methanol	1 mL
NMIAD753	N-Ethylamphetamine HCl	50 mg
NMIAD739	MDEA HCl (N-Ethyl-3,4-methylenedioxyamphetamine HCl)	50 mg
CERE-052	Ethylmorphine (1.0 mg/mL) in Methanol	1 mL
CERE-016	Ethyl beta-D-glucuronide (0.1 mg/mL) in Methanol	1 mL
CERE-048	Ethyl beta-D-glucuronide-D5 (0.1 mg/mL) in Methanol	1 mL
NMIAM880	Etilephrine HCl	50 mg
NMIAD893	Famprofazone	20 mg

Code	Product	Unit
NMIAD915	Fenbutrazate HCl	1 mg
NMIAD913	Fencamine	10 mg
CERF-009	Fenfluramine (1.0 mg/ml) in Methanol	1 mL
CERF-010	Fenfluramine-D10 (0.1 mg/ml) in Methanol	1 mL
NMIAD918	Fentanyl base	5 mg
CERF-002	Fentanyl (0.1 mg/ml) in Methanol	1 mL
CERF-013	Fentanyl (1.0 mg/ml) in Methanol	1 mL
CERF-001	Fentanyl-D5 (0.1 mg/ml) in Methanol	1 mL
TRC-F274990	Fentanyl citrate	10 mg
NMIAD500	Fenproporex HCl	50 mg
NMIAD882	Flunitrazepam	25 mg
CERF-907	Flunitrazepam (1.0 mg/ml) in Methanol	1 mL
CERF-915	Flunitrazepam-D7 (0.1 mg/ml) in Methanol	1 mL
NMIAD854	p-Fluorococaine	20 mg
TRC-F588480	p-Fluoro fentanyl	1 mg
TRC-F588482	p-Fluoro fentanyl-D3	1 mg
CERF-918	Fluoxetine HCl (1.0 mg/mL) (as free base) in Methanol	1 mL

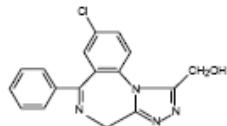
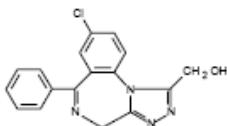
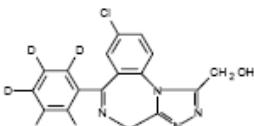
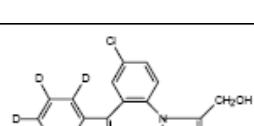
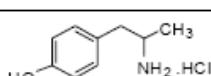
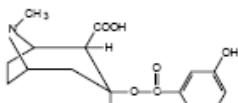
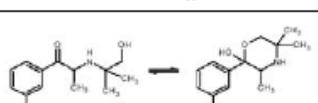
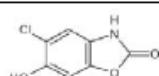
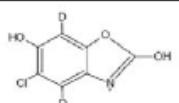
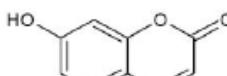
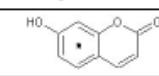
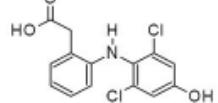
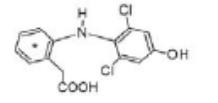
Code	Product	Unit
CERF-919	Fluoxetine-D6 oxalate (0.1 mg/mL) (as free base) in Methanol	1 mL
CERF-909	Fluoxymesterone (1.0 mg/mL) in Dimethoxyethane	1 mL
CERF-903	Fluphenazine (1.0 mg/ml) in Methanol	1 mL
TRC-F597950	cis-(Z)-Flupentixol bromide, dihydrobromide	1 mg
TRC-F597960	trans-(E)-Flupentixol bromide dihydrobromide	1 mg
TRC-F598000	cis-(Z)-Flupentixol bromide, methanethiosulfonate	1 mg
TRC-F598010	trans-(E)-Flupentixol bromide methanethiosulfonate	0.25 mg
CERF-003	Flurazepam (1.0 mg/ml) in Methanol	1 mL
NMIAD447	N-Formylamphetamine	50 mg
NMIAD465	N-Formyl di(phenylisopropylamine) (N-Formyl DPIA)	20 mg
NMIAD502	N-Formyl-N-methylamphetamine	20 mg
NMIAD538	N-Formyl-N-methyl-3,4-methylenedioxyamphetamine	50 mg
NMIAD857	N-Formylnorcocaine	10 mg
NMIAD526	N-Formyl-1-phenylethylamine	50 mg
TRC-F727250	Fosamprenavir calcium salt	1 mg
TRC-F727250	Fosamprenavir calcium salt	1 mg
CERF-005	Furosemide (1.0 mg/ml) in Methanol	1 mL
CERG-007	Gabapentin (1.0 mg/mL) in Methanol	1 mL
CERG-901	Gabapentin-D10 (0.1 mg/mL) in Methanol	1 mL
CERG-011	Gentamicin Sulfate (1.0 mg/ml) in Water	1 mL

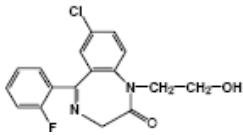
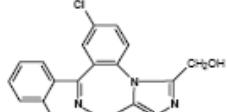
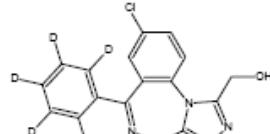
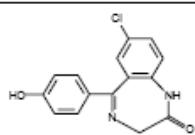
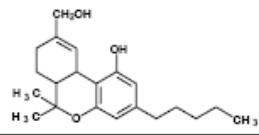
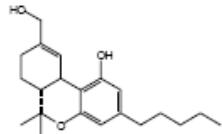
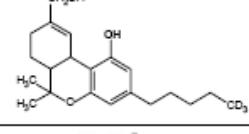
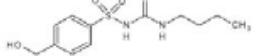
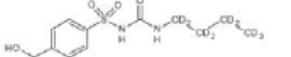
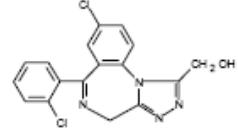
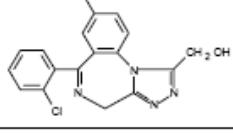
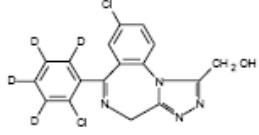
Code	Product		Unit
CERB-018	gamma-Butyrolactone (1.0 mg/ml) in Acetonitrile		1 mL
CERB-019	gamma-Butyrolactone-D6 (0.1 mg/ml) in Acetonitrile		1 mL
CERB-032	gamma-Butyrolactone-D6 (1.0 mg/ml) in Acetonitrile		1 mL
NMIAD812	GHB (gamma-Hydroxybutyric acid sodium salt)		50 mg
CERG-001	GHB (4-Hydroxybutyric acid sodium salt) (1.0 mg/ml) (as salt) in Methanol		1 mL
CERG-003	GHB-D6 (4-Hydroxy-2,2,3,3,4,4-hexadeuterobutyric acid sodium salt) (0.1 mg/ml) (as salt) in Methanol		1 mL
CERG-006	GHB-D6 (4-Hydroxy-2,2,3,3,4,4-hexadeuterobutyric acid sodium salt) (1.0 mg/ml) (as salt) in Methanol		1 mL
CERG-005	Glutethimide (1.0 mg/ml) in Methanol		1 mL
CERH-030	Haloperidol (1.0 mg/ml) in Methanol		1 mL
CERH-002	Haloperidol-D4 (0.1 mg/ml) in Methanol		1 mL
NMIAD884	Harmine		10 mg
NMIAM299	Heptaminol HCl °		50 mg
NMIAD752	Heroin base		50 mg
CERH-038	Heroin (1.0 mg/ml) in Acetonitrile		1 mL
CERH-036	Heroin-D9 (0.1 mg/ml) in Acetonitrile		1 mL
CERH-037	Heroin-D9 (1.0 mg/ml) in Acetonitrile		1 mL
CERH-013	Hexobarbital (1.0 mg/ml) in Methanol		1 mL

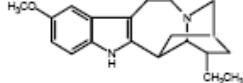
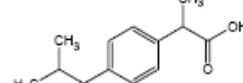
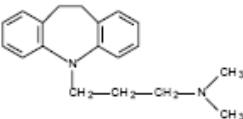
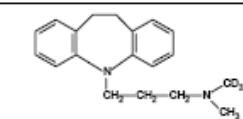
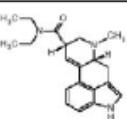
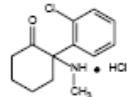
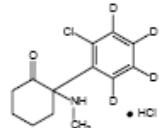
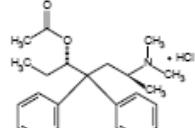
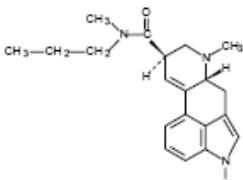
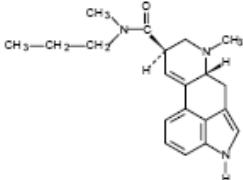
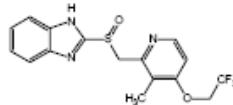
如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
NMIAD824	4-Hydroxyamphetamine HCl (HMA)	20 mg
CERH-046	HMMA (4-Hydroxy-3-methoxymethamphetamine) (1.0 mg/ml) in Methanol	1 mL
CERH-001	Hydrochlorothiazide (1.0 mg/ml) in Methanol	1 mL
CERH-003	Hydrocodone (1.0 mg/ml) in Methanol	1 mL
CERH-005	Hydrocodone-D3 (0.1 mg/ml) in Methanol	1 mL
CERH-008	Hydrocodone-D3 (1.0 mg/ml) in Methanol	1 mL
CERH-047	Hydrocodone-D6 (0.1 mg/ml) in Methanol	1 mL
CERH-048	Hydrocodone-D6 (1.0 mg/ml) in Methanol	1 mL
NMIAD785B	Hydromorphone HCl	20 mg
CERH-004	Hydromorphone (1.0 mg/ml) in Methanol	1 mL
CERH-006	Hydromorphone-D3 (0.1 mg/ml) in Methanol	1 mL
CERH-010	Hydromorphone-D3 (1.0 mg/ml) in Methanol	1 mL
CERH-049	Hydromorphone-D6 (0.1 mg/ml) in Methanol	1 mL
CERH-051	Hydromorphone-3beta-D-glucuronide (0.1 mg/mL) in Methanol/Water	1 mL

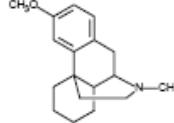
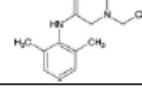
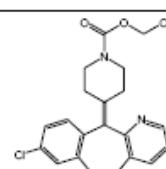
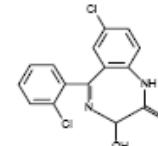
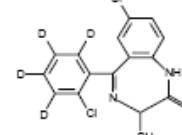
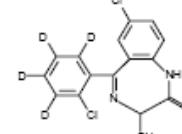
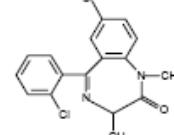
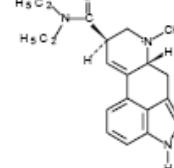
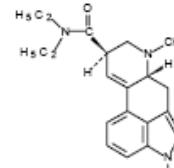
如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERA-905	alpha-Hydroxyalprazolam (0.1 mg/ml) in Methanol	1 mL
		
CERA-907	alpha-Hydroxyalprazolam (1.0 mg/ml) in Methanol	1 mL
		
CERA-904	alpha-Hydroxyalprazolam-D5 (0.1 mg/ml) in Methanol	1 mL
		
CERA-908	alpha-Hydroxyalprazolam-D5 (1.0 mg/ml) in Methanol	1 mL
		
NMIAD824	4-Hydroxyamphetamine HCl (HMA)	20 mg
		
CERH-017	m-Hydroxybenzoylecgonine (1.0 mg/ml) in Methanol	1 mL
		
CERH-066	(±)-Hydroxybupropion (1.0 mg/ml) in Acetonitrile	1 mL
		
CERH-062	(±)-Hydroxybupropion-D6 (0.1 mg/ml) in Acetonitrile	1 mL
		
TRC-H916900	Hydroxychloroquine sulfate	10 mg
CERH-063	6-Hydroxychlorozoxazole (0.1 mg/ml) in Methanol	1 mL
		
CERH-064	6-Hydroxychlorozoxazole-D2,15N (0.1 mg/ml) in Methanol	1 mL
		
TRC-H924500	trans-3'-Hydroxycotinine	10 mg
TRC-H924510	trans-3'-Hydroxycotinine methyl-D3	1 mg
CERH-060	7-Hydroxycoumarin (1.0 mg/ml) in Acetonitrile	1 mL
		
CERH-061	7-Hydroxycoumarin-13C6 (0.1 mg/ml) in Acetonitrile	1 mL
		
CERH-052	4'-Hydroxydiclofenac (0.1 mg/ml) in Acetonitrile	1 mL
		
CERH-053	4'-Hydroxydiclofenac-13C6 (0.1 mg/ml) in Methanol	1 mL
		

Code	Product	Unit
TRC-H941825	rac 8-Hydroxy efavirenz	1 mg
TRC-H941827	rac 8-Hydroxy efavirenz-D4	1 mg
CERF-901	2-Hydroxyethylflurazepam (0.1 mg/ml) in Methanol	1 mL
		
CERH-902	alpha-Hydroxymidazolam (0.1 mg/ml) in Methanol	1 mL
		
CERH-921	alpha-Hydroxymidazolam-D4 (0.1 mg/ml) in Acetonitrile	1 mL
		
TRC-H948625	2-Hydroxy nevirapine	2.5 mg
CERH-918	4-Hydroxynordiazepam (1.0 mg/ml) in 1,2-Dimethoxyethane	1 mL
		
TRC-H953225	7-Hydroxy quetiapine	1 mg
TRC-H953227	7-Hydroxy quetiapine-D3	1 mg
CERH-026	11-hydroxy-delta 9-THC (0.1 mg/ml) in Methanol	1 mL
		
CERH-027	11-hydroxy-delta 9-THC (1.0 mg/ml) in Methanol	1 mL
		
CERH-041	11-hydroxy-delta 9-THC-D3 (0.1 mg/ml) in Methanol	1 mL
		
CERH-054	4-Hydroxytolbutamide (1.0 mg/ml) in Acetonitrile	1 mL
		
CERH-055	4-Hydroxytolbutamide-D9 (0.1 mg/ml) in Acetonitrile	1 mL
		
CERT-915	alpha-Hydroxytriazolam (0.1 mg/ml) in Methanol	1 mL
		
CERT-911	alpha-Hydroxytriazolam (1.0 mg/ml) in Methanol	1 mL
		
CERT-909	alpha-Hydroxytriazolam-D4 (0.1 mg/ml) in Methanol	1 mL
		

Code	Product	Unit
TRC-996495	Hydroxyzine	1 g
TRC-996497	Hydroxyzine-D8	1 g
CERI-001	Ibogaine (1.0 mg/ml) in Methanol	 1 mL
CERI-009	Ibuprofen (1.0 mg/ml) in Methanol	 1 mL
TRC-I465200	Imipenem monohydrate	10 mg
CERI-902	Imipramine HCl (1.0 mg/ml) in Methanol	 1 mL
CERI-901	Imipramine-D3 (0.1mg/ml) in Methanol	 1 mL
TRC-I525000	Indinavir sulphate	5 mg
TRC-I525006	Indinavir sulphate-D6	1 mg
CERI-010	iso-LSD (iso-Lysergic acid diethylamide) (0.1 mg/ml) in Acetonitrile	 1 mL
NMIAD686B	Ketamine HCl	 50 mg
CERK-002	Ketamine HCl (1.0 mg/ml) in Methanol	 1 mL
CERK-003	Ketamine-D4 HCl (0.1 mg/ml) in Methanol	 1 mL
CERL-008	LAAM-HCl (1.0 mg/ml) (levo)-a-Acetylmethadol HCl (as free base) in Methanol	 1 mL
CERL-007	LAMPA (25 µg/ml) (Lysergic acid N,N-methylpropylamide) in Acetonitrile	 1 mL
CERL-004	LAMPA (1.0 mg/ml) (Lysergic acid N,N-methylpropylamide) in Acetonitrile	 1 mL
TRC-L172500	Lamivudine	10 mg
TRC-L172502	Lamivudine-15N2,13C	1 mg
CERL-012	Lansoprazole	 250 mg

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
TRC-L331500	Levetiracetam	100 mg
CERL-010	Levomethorphan	10 mg
		
CERL-018	Lidocaine (1.0 mg/ml) in Methanol	1 mL
		
TRC-L469480	Lopinavir	10 mg
TRC-L469482	Lopinavir-D8	1 mg
TRC-L469485	Lopinavir-metabolite M-1	1 mg
TRC-L469490	Lopinavir metabolite M-3/M-4	1 mg
CERL-014	Loratadine (1.0 mg/ml) in Methanol	1 mL
		
CERL-901	Lorazepam (1.0 mg/ml) in Acetonitrile	1 mL
		
CERL-902	Lorazepam-D4 (0.1 mg/ml) in Acetonitrile	1 mL
		
CERL-911	Lorazepam-D4 (1.0 mg/mL) in Acetonitrile	1 mL
		
CERL-907	Lormetazepam (1.0 mg/ml) in Methanol	1 mL
		
NMIAD827	LSD (9,10-didehydro-N,N-diethyl-6-methylergoline-8-beta-carboxamide) (1 mg/ml Acetonitrile solution)	1 ampoule
		
CERL-005	LSD (Lysergic acid diethylamide) (25 µg/ml) in Acetonitrile	1 mL
		
CERL-001	LSD (Lysergic acid diethylamide) (1.0 mg/ml) in Acetonitrile	1 mL
		

Code	Product	Unit
CERL-006	LSD-D3 (Lysergic acid diethylamide-D3) (25 µg/mL) in Acetonitrile	1 mL
CERL-002	LSD-D3 (Lysergic acid diethylamide-D3) (0.1 mg/ml) in Acetonitrile	1 mL
CERI-010	iso-LSD (iso-Lysergic acid diethylamide) (0.1 mg/ml) in Acetonitrile	1 mL
CERL-017	nor-LSD/ nor-iso-LSD	5 mg
CERO-013	2-Oxo-3-hydroxy-LSD (0.1 mg/ml) in Acetonitrile	1 mL
CERM-920	Maprotiline HCl (1.0 mg/ml) (as free base) in Methanol	1 mL
TRC-M205502	Mefentanyl	1 mg
TRC-M225620	Meropenem sodium salt	10 mg
NMIAD847	Methyl anhydroecgonine	50 mg
TRC-M305310	alpha-Methyl fentanyl	1 mg
TRC-M305312	alpha-Methyl fentanyl-D3	1 mg
NMIAD450A	MBDB (N-Methyl-1-(3,4-methylenedioxyphenyl)-2-butylamine HCl)	20 mg
CERM-102	(±)-MBDB HCl ((±)-(3,4-methylene-dioxyphenyl)-2-butamine) (1.0 mg/ml) in Methanol	1 mL + HCl
CERM-104	(±)-MBDB-D5 (±)-(3,4-methylene-dioxyphenyl)-2-butamine-D5) (0.1 mg/ml) in Methanol	1 mL
CERM-108	MTBSTFA (with 1% t-BDMCS)	5 x 1 mL
NMIAD842	MDA (3,4-Methylenedioxyamphetamine HCl )	50 mg

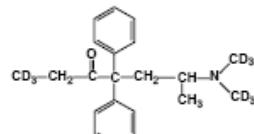
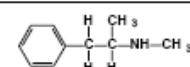
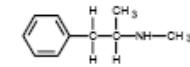
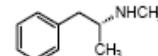
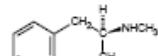
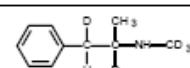
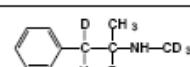
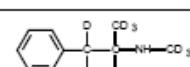
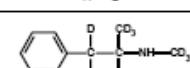
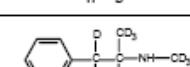
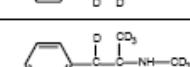
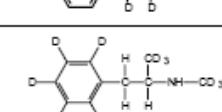
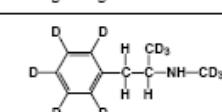
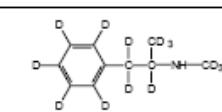
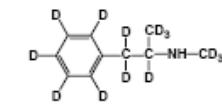
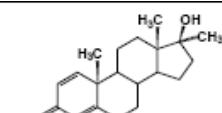
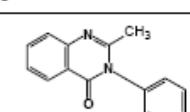
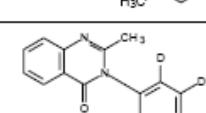
Code	Product	Unit
CERM-012	(±)-MDA ((±)-3,4-Methylenedioxymphetamine) (1.0 mg/ml) in Methanol	1 mL
CERM-010	(±)-MDA-D5 ((±)-3,4-Methylenedioxymphetamine-D5) (0.1 mg/ml) in Methanol	1 mL
CERM-027	(±)-MDA-D5 ((±)-3,4-Methylenedioxymphetamine-D5) (1.0 mg/ml) in Methanol	1 mL
NMIAD739	MDEA HCl (N-Ethyl-3,4-methylenedioxymamphetamine HCl)	50 mg
CERM-065	(±)-MDEA ((±)-3,4-Methylenedioxymethylethylamphetamine) (1.0 mg/ml) in Methanol	1 mL
CERM-067	(±)-MDEA-D5 ((±)-3,4-Methylenedioxymethylethylamphetamine-D5) (0.1 mg/ml) in Methanol	1 mL
CERM-068	(±)-MDEA-D5 ((±)-3,4-Methylenedioxymethylethylamphetamine-D5) (1.0 mg/ml) in Methanol	1 mL
CERM-081	(±)-MDEA-D6 ((±)-3,4-Methylenedioxymethylethylamphetamine-D6) (0.1 mg/ml) in Methanol	1 mL
NMIAD792C	MDMA HCl (N-Methyl-3,4-methylenedioxymamphetamine HCl)	50 mg
CERM-013	(±)-MDMA ((±)-3,4-Methylenedioxymethamphetamine)(1.0 mg/ml) in Methanol	1 mL
CERM-011	(±)-MDMA-D5 ((±)-3,4-Methylenedioxymethamphetamine-D5) (0.1 mg/ml) in Methanol	1 mL
CERM-029	(±)-MDMA-D5 ((±)-3,4-Methylenedioxymethamphetamine-D5) (1.0 mg/ml) in Methanol	1 mL
CERM-116	Meclizine 2HCl	250 mg
NMIAD283	Mefenorex HCl	50 mg
NMIAM490	Mefruside	50 mg
CERM-095	Melatonin (1.0 mg/ml) in Methanol	1 mL
CERM-094	Melatonin-D7 (0.1 mg/ml) in Methanol	1 mL
CERM-035	Meperidine (1.0 mg/ml) in Methanol	1 mL
CERM-036	Meperidine-D4 (0.1 mg/ml) in Methanol	1 mL

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERM-038	Meperidine-D4 (1.0 mg/ml) in Methanol	1 mL
NMIAD443B	Meperidine HCl (Pethidine)	20 mg
CERM-039	Meprobamate (1.0 mg/ml) in Methanol	1 mL
CERM-131	Meprobamate-D4 (0.1 mg/mL) in Methanol	1 mL
CERM-047	Mescaline HCl (1.0 mg/ml) as free base in Methanol	1 mL
CERM-051	Mescaline-D9 HCl (0.1 mg/ml) (as free base) in Methanol	1 mL
NMIAD768	Mescaline hydrogen sulphate	10 mg
NMIAD425B	Methadone HCl	20 mg
CERM-019	(±)-Methadone (0.1 mg/ml) in Methanol	1 mL
CERM-007	(±)-Methadone (1.0 mg/ml) in Methanol	1 mL
CERM-008	(±)-Methadone-D3 (0.1 mg/ml) in Methanol	1 mL
CERM-021	(±)-Methadone-D3 (1.0 mg/ml) in Methanol	1 mL
CERM-088	(±)-Methadone-D9 (0.1 mg/ml) in Methanol	1 mL

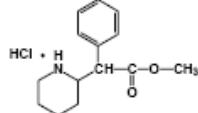
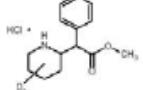
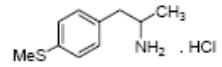
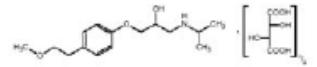
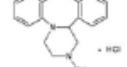
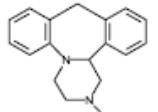
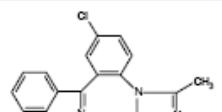
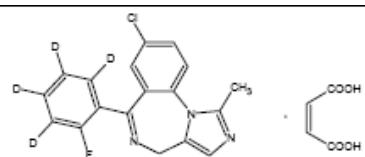
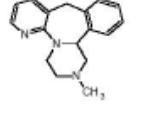
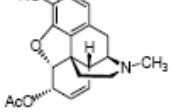
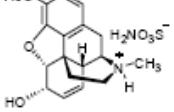
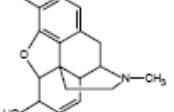
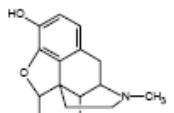
Code	Product	Unit
------	---------	------

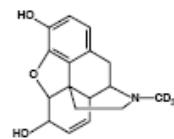
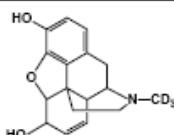
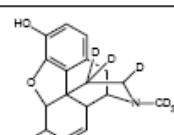
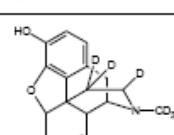
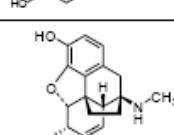
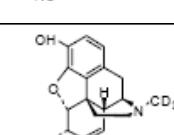
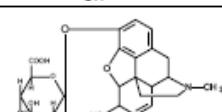
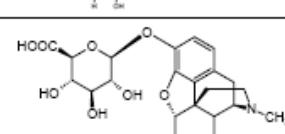
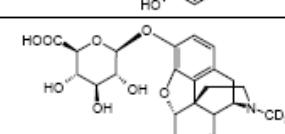
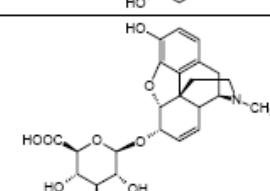
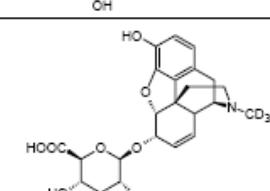
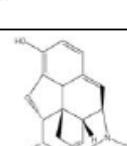
如需帮助, 请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

CERM-089	(±)-Methadone-D9 (1.0 mg/ml) in Methanol		1 mL
CERM-022	(±)-Methamphetamine (0.1 mg/ml) in Methanol		1 mL
CERM-009	(±)-Methamphetamine (1.0 mg/ml) in Methanol		1 mL
CERM-024	R(-)-Methamphetamine (1.0 mg/mL) (Levmetamfetamin) in Methanol		1 mL
CERM-020	S(+)-Methamphetamine (1.0 mg/ml) in Methanol		1 mL
CERM-004	(±)-Methamphetamine-D5 (0.1 mg/ml) in Methanol		1 mL
CERM-023	(±)-Methamphetamine-D5 (1.0 mg/ml) in Methanol		1 mL
CERM-016	(±)-Methamphetamine-D8 (0.1 mg/ml) in Methanol		1 mL
CERM-034	(±)-Methamphetamine-D8 (1.0 mg/ml) in Methanol		1 mL
CERM-090	(±)-Methamphetamine-D9 (0.1 mg/ml) in Methanol		1 mL
CERM-091	(±)-Methamphetamine-D9 (1.0 mg/ml) in Methanol		1 mL
CERM-059	(±)-Methamphetamine-D11 (0.1 mg/ml) in Methanol		1 mL
CERM-060	(±)-Methamphetamine-D11 (1.0 mg/ml) in Methanol		1 mL
CERM-092	(±)-Methamphetamine-D14 (0.1 mg/ml) in Methanol		1 mL
CERM-093	(±)-Methamphetamine-D14 (1.0 mg/ml) in Methanol		1 mL
CERM-912	Methandienone (1.0 mg/mL) in 1,2-Dimethoxyethane		1 mL
CERM-015	Methaqualone (1.0 mg/ml) in Methanol		1 mL
CERM-014	Methaqualone-D7 (0.1 mg/ml) in Methanol		1 mL

Code	Product	Unit
NMIAD724	Methcathinone HCl	10 mg
CERM-061	R(+)-Methcathinone HCl (1.0 mg/mL) (as free base) in Methanol	1 mL
CERM-055	S(-)-Methcathinone HCl (1.0 mg/ml) in Methanol	1 mL
CERM-910	Methenolone (1.0 mg/mL) in 1,2-Dimethoxyethane	1 mL
CERM-041	Methohexital (1.0 mg/ml) in Methanol	1 mL
CERM-079	Methohexital-D5 (0.1 mg/ml) in Methanol	1 mL
NMIAD899	5-Methoxy-alpha-methyltryptamine	10 mg
NMIAD923	5-Methoxy-diisopropyltryptamine	unit
FORMM1247.02	1-(2-Methoxyphenyl)piperazine Dihydrochloride	10 mg
CERM-045	Cis-(±)-4-Methylaminorex (1.0 mg/ml) in Acetonitrile	1 mL
FORMM0586.07	N-(3-Methylbenzyl)piperazine Dihydrochloride	10 mg
NMIAD924	Methyl codeine	10 mg
NMIAD890	3,4- Methyleneedioxybenzyl methyl ketoxime	10 mg
NMIAD810	3,4-Methyleneedioxyphenylacetone (MDP2P)	20 mg
NMIAD669	1-(3,4-Methyleneedioxyphenyl)-2-nitropropene	20 mg
NMIAD903	2-Methyl-3-(3,4-methylenedioxyphenyl)-methyl glycidate	50 mg
NMIAD880	1-(3,4-Methyleneedioxyphenyl)-propan-2-ol (in progress)	unit
NMIAD896	bis-(1-(3,4-Methyleneedioxyphenyl)-propan-2-yl)amine hydrochloride (1 diastereoisomer)	20 mg
NMIAD879	bis-(1-(3,4-Methyleneedioxyphenyl)-propan-2-yl)amine hydrochloride (mix of isomers)	20 mg
NMIAD887	3,4-Methyleneedioxytoluene	10 mg
CERM-129	Methylephedrine (1.0 mg/ml) in Methanol	1 mL

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERM-083	Methylphenidate HCl (1.0 mg/ml) in Methanol	1 mL
		
CERM-127	Methylphenidate-D9 HCl (0.1 mg/ml) (as free base) in Methanol	1 mL
		
FORMM1005.07	1-Methyl-3-phenylpiperazine	10 mg
NMIAD687	(±) Methylthioamphetamine HCl (MTA)	20 mg
		
TRC-M330725	alpha-Methylthio fentanyl	1 mg
TRC-M330730	3-Methylthio fentanyl	1 mg
CERA-074	alpha-Methyltryptamine (0.1 mg/mL) in Methanol	1 mL
		
CERM-123	Metoprolol tartrate (1.0 mg/ml) in Methanol	1 mL
		
CERM-919	Mianserin HCl (1.0 mg/ml) (as free base) in Methanol	1 mL
		
CERM-901	Mianserin-D3 (0.1 mg/ml) in Methanol	1 mL
		
CERM-908	Midazolam (1.0 mg/ml) in Methanol	1 mL
		
CERM-918	Midazolam-D4 maleate (0.1 mg/ml) (as free base) in Methanol	1 mL
		
CERM-128	Mirtazepine (1.0 mg/ml) in Methanol	1 mL
		
NMIAD777-20	6-Monoacetylmorphine base	20 mg
		
NMIAD766	3-Monoacetylmorphine sulfamate	20 mg
		
CERM-030	Morphine (0.1 mg/ml) in Methanol	1 mL
		
CERM-005	Morphine (1.0 mg/ml) (Morphin-Anhydrat) in Methanol	1 mL
		

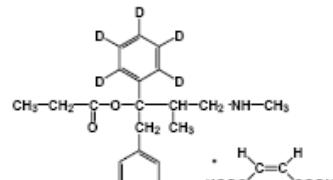
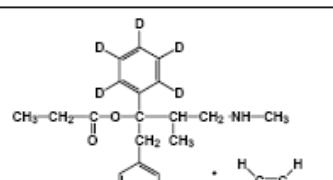
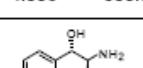
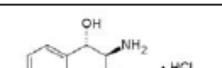
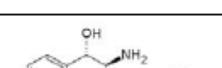
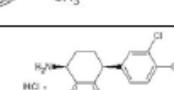
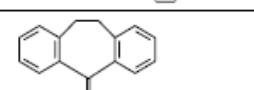
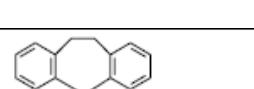
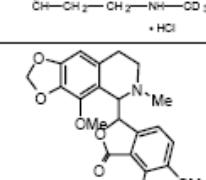
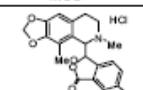
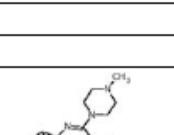
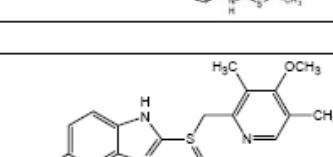
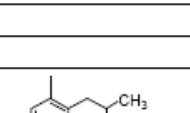
Code	Product	Unit
CERM-003	Morphine-D3 (0.1 mg/ml) in Methanol	1 mL
		
CERM-006	Morphine-D3 (1.0 mg/ml) in Methanol	1 mL
		
CERM-085	Morphine-D6 (0.1 mg/ml) in Methanol	1 mL
		
CERM-086	Morphine-D6 (1.0 mg/ml) in Methanol	1 mL
		
NMIAD408C	Morphine base	50 mg
		
NMIAD709	Morphine base-D3	1 mg
		
CERM-018	Morphine-3β-D-glucuronide (0.1 mg/ml) in Methanol	1 mL
		
CERM-031	Morphine-3β-D-glucuronide (1.0 mg/ml) in Methanol	1 mL
		
CERM-017	Morphine-3β-D-glucuronide-D3 (0.1 mg/ml) in Methanol	1 mL
		
CERM-096	Morphin-6β-D-glucuronide (0.1 mg/ml) in Methanol : Water (50 : 50)	1 mL
		
CERM-120	Morphine-6β-D-glucuronide-D3 (0.1 mg/mL) in Methanol : Water (50 : 50)	1 mL
		
THC-167	Morphinhemisulfat-Pentahemihydrat	100 mg
		

Code	Product	Unit
NMIAD700	Morphine N-Oxide	10 mg
CERM-108	MTBSTFA (with 1% t-BDMCS)	5 x 1 mL
CERN-051	Nalbuphine (1.0 mg/ml) in Methanol	1 mL
CERN-917	Nalorphine (1.0 mg/ml) in Methanol	1 mL
CERN-004	Naloxone (1.0 mg/mL) in Methanol	1 mL
CERN-038	6β-Naltrexol (1.0 mg/ml) in Methanol	1 mL
CERN-007	Naltrexone (1.0 mg/mL) in Methanol	1 mL
CERN-047	Naltrexone-D3 (0.1 mg/ml) in Methanol	1 mL
CERN-042	Naproxen (1.0 mg/mL) in Methanol	1 mL
TRC-N389750	Nelfinavir mesylate	10 mg
TRC-N389752	Nelfinavir-D3	1 mg
TRC-N389760	Nelfinavir hydroxy-tert-butylamide	1 mg
TRC-N391275	Nevirapine	5 mg
TRC-N391277	Nevirapine-D5	1 mg
CERN-008	S(-)-Nicotine (1.0 mg/ml) in Methanol	1 mL
CERN-048	Nicotine-D4 (0.1 mg/ml) in Acetonitrile	1 mL
CERN-906	Nitrazepam (1.0 mg/ml) in Methanol	1 mL
CERN-901	Nitrazepam-D5 (0.1 mg/ml) in Methanol	1 mL

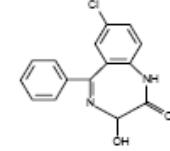
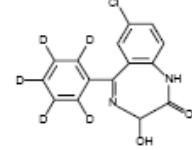
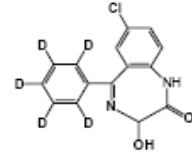
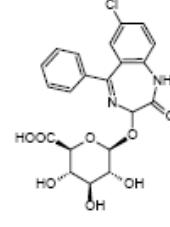
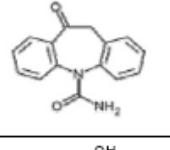
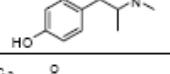
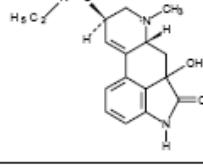
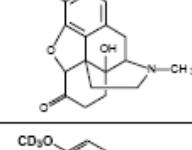
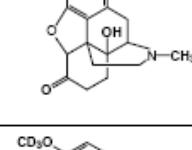
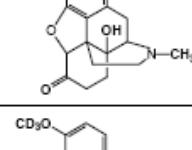
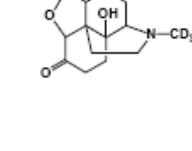
Code	Product	Unit
CERN-022	Norbenzoylecgonine HCl (1.0 mg/ml) in Methanol	1 mL
CERN-912	Norprenorphine (0.1 mg/ml) in Methanol	1 mL
CERN-920	Norprenorphine-D3 (0.1 mg/ml) in Methanol	1 mL
CERN-045	Norprenorphine glucuronide (0.1 mg/ml) in Methanol	1 mL
CERT-006	(±)-11-nor-9-carboxy-delta 9-THC (0.1 mg/ml) in Methanol	1 mL
CERT-004	(±)-11-nor-9-carboxy-delta 9-THC-D3 (0.1 mg/ml) in Methanol	1 mL
CERT-008	(±)-11-nor-9-carboxy-delta 9-THC-D3 (1.0 mg/ml) in Methanol	1 mL
CERT-007	(±)-11-nor-9-carboxy-delta 9-THC-D9 (0.1 mg/ml) in Methanol	1 mL
CERT-038	(+)-11-nor-delta9-THC-9-carboxylic acid glucuronide (0.1 mg/ml) in Methanol	1 mL
CERT-018	(-)-11-nor-9-carboxy-delta 9-THC (0.1 mg/ml) in Methanol	1 mL
CERT-019	(-)-11-nor-9-carboxy-delta 9-THC (1.0 mg/ml) in Methanol	1 mL
NMIAD856	Norcocaine HCl	10 mg

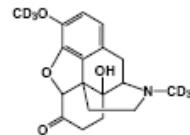
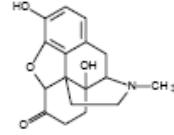
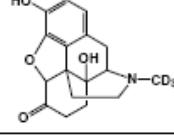
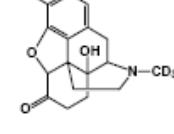
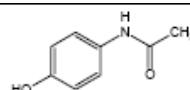
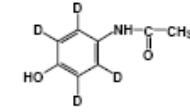
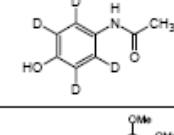
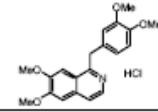
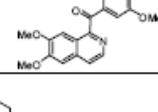
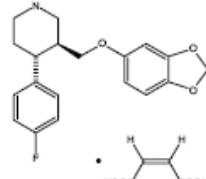
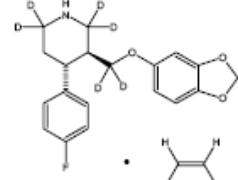
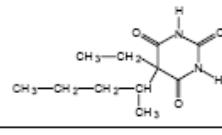
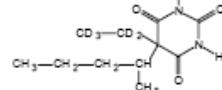
Code	Product	Unit
CERN-003	Norcocaine (1.0 mg/ml) in Acetonitrile	1 mL
NMIAD698	Norcodeine	5 mg
CERN-005	Norcodeine (1.0 mg/ml) in Methanol	1 mL
CERN-905	Nordiazepam (1.0 mg/ml) in Methanol	1 mL
CERN-903	Nordiazepam-D5 (0.1 mg/ml) in Methanol	1 mL
CERN-911	Nordiazepam-D5 (1.0 mg/ml) in Methanol	1 mL
NMIAM296	Norephedrine HCl (Phenylpropanolamine)	100 mg
CERN-043	(±)-Norephedrine-D3 HCl (1.0 mg/ml) (as free base) ((±)-Phenylpropanolamine HCl) in Methanol	1 mL
NMIAM297	Norpseudoephedrine HCl (Cathine)	50 mg
CERN-046	Norpseudoephedrine HCl (0.1 mg/ml) as free base in Methanol	1 mL
CERN-031	Norfentanyl oxalate (1.0 mg/ml) in Acetonitrile	1 mL
CERN-030	Norfentanyl-D5 oxalate (0.1 mg/ml) in Acetonitrile	1 mL
CERN-923	Norfluoxetine oxalate (1.0 mg/m) (as free base) in Methanol	1 mL
CERN-922	Norfluoxetine-D6 oxalate (0.1 mg/m) (as free base) in Methanol	1 mL
CERN-036	(±)-Norketamine HCl (1.0 mg/ml) in Methanol	1 mL

Code	Product	Unit
CERN-037	(±)-Norketamine-D4 HCl (0.1 mg/ml) in Methanol	1 mL
CERL-017	nor-LSD/ nor-iso-LSD	5 mg
CERN-017	Normeperidine (0.1 mg/ml) in Methanol	1 mL
CERN-020	Normeperidine-D4 (0.1 mg/ml) in Methanol	1 mL
NMIAD701	Normorphine	5 mg
CERN-006	Normorphine (1.0 mg/ml) in Methanol	1 mL
CERN-011	Noroxycodone HCl (1.0 mg/ml) (as free base) in Methanol	1 mL
CERN-032	Noroxycodone-D3 (0.1 mg/ml) in Methanol	1 mL
CERN-013	Noroxymorphone (0.1 mg/ml) in Methanol	1 mL
CERN-012	Noroxymorphone (1.0 mg/mL) in Methanol / DMSO	1 mL
NMIAM937	Norphephrine	100 mg
CERN-913	(±)-Norpropoxyphene maleate (1.0 mg/ml) in Methanol	1 mL

Code	Product	Unit
CERN-904	(±)-Norpropoxyphene-D5 maleate (0.1 mg/ml) in Methanol	1 mL
		
CERN-919	(±)-Norpropoxyphene-D5 maleate (1.0 mg/ml) in Methanol	1 mL
		
NMIAM297	Norpseudoephedrine HCl (Cathine)	50 mg
		
CERN-046	Norpseudoephedrine HCl (0.1 mg/ml) as free base in Methanol	1 mL
		
CERN-046	Norpseudoephedrine HCl (0.1 mg/ml) as free base in Methanol	1 mL
		
CERN-049	Norsertraline HCl (0.1 mg/ml) (as free base) in Methanol	1 mL
		
CERN-907	Nortriptyline (1.0 mg/ml) in Methanol	1 mL
		
CERN-902	Nortriptyline-D3 HCl (0.1 mg/ml) in Methanol	1 mL
		
NMIAD831	Noscapine (Narcotine) base	50 mg
		
NMIAD791	Noscapine (Narcotine) HCl	100 mg
		
TRC-O415000	Ohmefentanyl	1 mg
TRC-0415002	Ohmefentanyl-D3	1 mg
CERO-024	Olanzapine (1.0 mg/ml) in Acetonitrile	1 mL
		
EJ-O139-0121	Olanzapine D3	unit
CERO-021	Omeprazole HCl (0.1 mg/ml) in Methanol	1 mL
		
TRC-O695300	Orphenadrine citrate salt	5 g
TRC-O695302	Orphenadrine citrate salt-D3	1 mg
NMIAD912	Ortetamine HCl (1-(2-methylphenyl)-2-propylamine HCl)	50 mg
		

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERO-902	Oxazepam (1.0 mg/ml) in Methanol	 1 mL
CERO-901	Oxazepam-D5 (0.1 mg/ml) in Acetonitrile	 1 mL
CERO-904	Oxazepam-D5 (1.0 mg/ml) in Acetonitrile	 1 mL
CERO-023	Oxazepam glucuronide (0.1 mg/ml) in Methanol / Water (1 : 1)	 1 mL
CERO-025	Oxcarbazapine (1.0 mg/ml) in Acetonitrile	 1 mL
NMIAD892	Oxilofrine HCl	 5 mg
CERO-013	2-Oxo-3-hydroxy-LSD (0.1 mg/ml) in Acetonitrile	 1 mL
CERO-002	Oxycodone (1.0 mg/ml) in Methanol	 1 mL
CERO-005	Oxycodone-D3 (0.1 mg/ml) in Methanol	 1 mL
CERO-006	Oxycodone-D3 (1.0 mg/ml) in Methanol	 1 mL
CERO-007	Oxycodone-D6 (0.1 mg/ml) in Methanol	 1 mL

Code	Product	Unit
CERO-008	Oxycodone-D6 (1.0 mg/ml) in Methanol	1 mL
		
CERO-004	Oxymorphone (1.0 mg/ml) in Methanol	1 mL
		
CERO-003	Oxymorphone-D3 (0.1 mg/ml) in Methanol	1 mL
		
CERO-019	Oxymorphone-D3 (1.0 mg/mL) in Methanol	1 mL
		
CERA-064	Acetaminophen (1.0 mg/ml) (Paracetamol) in Methanol	1 mL
		
CERP-909	Acetaminophen-D4 (0.1 mg/ml) (Paracetamol) in Methanol	1 mL
		
CERP-917	Acetaminophen-D4 (1.0 mg/mL) (Paracetamol) in Methanol	1 mL
		
NMIAD750	Papaverine HCl	100 mg
		
NMIAD743	Papaveraldine	20 mg
		
CERP-916	Paroxetine (1.0 mg/mL) in Methanol	1 mL
		
CERP-915	Paroxetine-D6 maleate (0.1 mg/mL) (as free base) in Methanol	1 mL
		
CERP-010	Pentobarbital (1.0 mg/ml) in Methanol	1 mL
		
CERP-009	Pentobarbital-D5 (0.1 mg/ml) in Methanol	1 mL
		

Code	Product		Unit
CERP-013	Pentobarbital-D5 (1.0 mg/ml) in Methanol		1 mL
CERP-061	Phenacetin (1.0 mg/mL) in Acetonitrile		1 mL
NMIAD748	Phencyclidine HCl		50 mg
CERP-007	Phencyclidine (1.0 mg/ml) (PCP) in Methanol		1 mL
CERP-003	Phencyclidine-D5 (0.1 mg/ml) (PCP) in Methanol		1 mL
CERP-006	Phencyclidine-D5 (1.0 mg/ml) (PCP) in Methanol		1 mL
CERP-045	Pheniramine (1.0 mg/ml) in Methanol		1 mL
CERP-008	Phenobarbital (1.0 mg/ml) in Methanol		1 mL
CERP-018	Phenobarbital-D5 (0.1 mg/ml) in Methanol (deuterium label on ring)		1 mL
CERP-019	Phenobarbital-D5 (1.0 mg/ml) in Methanol (deuterium label on ring)		1 mL
CERP-004	Phenobarbital-D5 (0.1 mg/ml) in Methanol (deuterium label on side chain)		1 mL
CERP-017	Phenobarbital-D5 (1.0 mg/ml) in Methanol (deuterium label on side chain)		1 mL
NMIAD781	Phentermine HCl		100 mg
CERP-023	Phentermine (1.0 mg/ml) in Methanol		1 mL
NMIAD917	Phenylacetic acid		50 mg

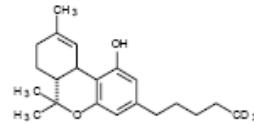
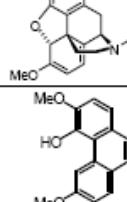
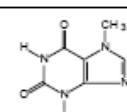
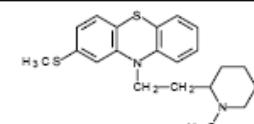
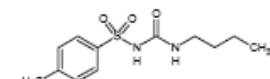
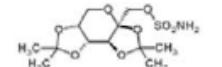
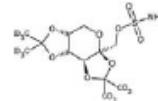
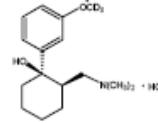
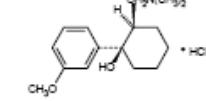
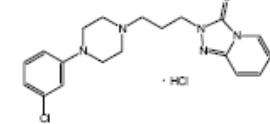
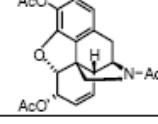
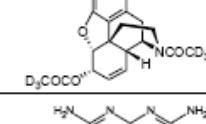
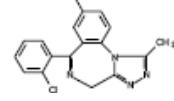
Code	Product	Unit
CERP-021	Phenylbutazone (1.0 mg/ml) in Acetonitril	1 mL
NMIAD869	1-Phenyl-2-nitropropene	100 mg
CERP-038	(±)-Phenylpropanolamine HCl (1.0 mg/ml) ((±)-Norpseudoephedrine) in Methanol	1 mL
CERP-063	Phenytoin (1.0 mg/ml) in Methanol	1 mL
NMIAD539	Pholcodine	20 mg
NMIAD870	Piperonal	100 mg
NMIAD881	Piperonyl alcohol	50 mg
NMIAD756	PMA (4-Methoxyamphetamine HCl)	50 mg
CERP-050	PMA (p-Methoxyamphetamine) HCl (1.0 mg/mL) in Methanol	1 mL
NMIAD908	PMMA ((±)-4-Methoxymethamphetamine HCl)	10 mg
CERP-051	PMMA (p-Methoxymethamphetamine) HCl (1.0 mg/mL) in Methanol	1 mL
CERP-906	Prazepam (1.0 mg/ml) in Methanol	1 mL
CERP-905	Prazepam-D5 (0.1 mg/ml) in Methanol	1 mL
TRC-P755800	Prochlorperazine	10 mg
CERP-044	Promethazine HCl	25 mg
CERP-910	Promethazine-D3 HCl	5 mg
CERP-055	Propanolol HCl (1.0 mg/ml) (as free base) in Acetonitril	1 mL

Code	Product	Unit
CERP-011	D-Propoxyphene (1.0 mg/ml) in Methanol	1 mL
CERP-901	(±)-Propoxyphene-D5 (0.1 mg/ml) in Methanol	1 mL
CERP-904	(±)-Propoxyphene-D5 (1.0 mg/ml) in Methanol	1 mL
CERP-913	(±)-Propoxyphene-D11 (0.1 mg/ml) in Methanol	1 mL
CERP-914	(±)-Propoxyphene-D11 (1.0 mg/ml) in Methanol	1 mL
NMIAM394	Propylhexedrine	50 mg
NMIAD495	N-Propyl-3,4-methylenedioxymphetamine HCl	20 mg
NMIAD859	N-Propynorlaudanosine	10 mg
CERP-903	Protriptyline HCl (1.0 mg/ml) (as free base) in Methanol	1 mL
CERP-902	Protriptyline-D3 (0.1 mg/ml) in Methanol	1 mL
NMIAD397	Pseudoephedrine base	100 mg
NMIAD775	Pseudoephedrine HCl	100 mg
CERP-036	(-)-Pseudoephedrine (1.0 mg/ml) in Methanol	1 mL
CERP-035	(+)-Pseudoephedrine (1.0 mg/ml) in Methanol	1 mL

Code	Product	Unit
CERP-056	Pseudoephedrine-D3 HCl (0.1 mg/ml) (as free base) in Methanol	1 mL
CERP-048	Psilocin	5 mg
NMIAD726	Psilocin	10 mg
CERP-049	Psilocin-D10	5 mg
TRC-5100002	Quetiapine fumarate-D8	1 mg
TRC-Q510000	Quetiapine hemifumarate	1 g
TRC-Q694000	Quinine	1 g
EJ-Q646-0311	Quinine-D3	unit
TRC-694002	Quinine methoxy-D3	5 mg
TRC-Q694010	Quinine-1 oxide	2.5 mg
TRC-Q694012	Quinine 1-oxide-D3	1 mg
TRC-Q694015	Quinine N-oxide	2.5 mg
TRC-CQ694017	Quinine N-oxide-D3	1 mg
CERR-002	Ranitidine HCl	250 mg
TRC-R142000	Reboxetine mesylate	10 mg
TRC-R142002	Reboxetine mesylate-D5	1 mg
TRC-RS143500	Remifentanyl HCl	5 mg
CERR-005	Resorufin (1.0 mg/mL) in Acetonitrile	1 mL
CERR-006	Risperidone (1.0 mg/ml) in Methanol	1 mL
TRC-R525002	Risperidone-D4	2.5 mg
TRC-R535000	Ritonavir	10 mg
TRC-R535002	Ritonavir-D6	0.5 mg
TRC-R535003	Ritonavir-13C3	0.5 mg
TRC-S088127	Salicylic acid-D4	5 mg
NMIAM904	Salmeterol hydroxynaphthoate	50 mg
TRC-S135000	Saquinavir mesylate	10 mg
TRC-S135002	Saquinavir-D9	1 mg
CERS-002	Secobarbital (1.0 mg/ml) in Methanol	1 mL
CERS-001	Secobarbital-D5 (0.1 mg/ml) in Methanol	1 mL
NMIAD822	Selegiline HCl	50 mg
CERS-004	Selegiline-D8 (0.1 mg/ml) in Methanol	1 mL

Code	Product	Unit
CERS-003	R(-)-Selegiline ((-)-Deprenyl) (1.0 mg/ml) in Methanol	1 mL
CERS-006	Sertraline (1.0 mg/ml) in Methanol	1 mL
CERS-010	Sildenafil (1.0 mg/ml) in Methanol	1 mL
EJ-191-0631	Sildenafil-D8	unit
TRC-S685250	Stavudine	10 mg
TRC-S685252	Stavudine-D3	1 mg
CERS-008	Sufentanil citrate (0.1 mg/ml) (as free base) in Methanol	1 mL
CERT-907	Temazepam (1.0 mg/ml) in Methanol	1 mL
CERT-902	Temazepam-D5 (0.1 mg/ml) in Methanol	1 mL
CERT-912	Temazepam-D5 (1.0 mg/ml) in Methanol	1 mL
TRC-T018500	Tenofovir	5 mg
TRC-T018502	Tenofovir-D6	1 mg
TRC-T018510	Tenofovir diphosphate	1 mg
NMIAD731B	Thebaine free base	20 mg
TRC-T345600	Thienyl fentanyl HCl	1 mg
TRC-T345602	Thienyl fentanyl-D3 HCl	1 mg
TRC-T444900	Tipranavir	1 mg
TRC-T444902	Tipranavir-D4	1 mg
THC-166	THC-A (1-hydroxy-6,6,9-trimethyl-3-pentyl-6a,7,8,10a-tetrahydro-6H-benzo[c]chromene-2-carboxylic acid)	5 mg
CERT-033	Exo-THC (1.0 mg/ml) (delta 9(11)-Tetrahydrocannabinol) in Methanol	1 mL
CERT-032	(-)-delta 8-THC (1.0 mg/ml) in Methanol	1 mL
THC-004	(-)-delta 9-THC (Dronabinol) (0.1mg / 1 ml) in Methanol	1 mL
CERT-005	(-)-delta 9-THC (Dronabinol) (1.0 mg/ml) in Methanol	1 mL

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERT-003	(-)-delta 9-THC-D3 (Dronabinol) (0.1 mg/ml) in Methanol	1 mL
NMIAD731B	Thebaine free base	 20 mg
NMIAD715	Thebaol	 5 mg
CERT-013	Theobromine (0.1 mg/ml) in Methanol	 1 mL
CERT-905	Thioridazine (1.0 mg/ml) in Methanol	 1 mL
CERT-036	Tolbutamide (1.0 mg/mL) in Acetonitrile	 1 mL
CERT-039	Topiramate (1.0 mg/ml) in Methanol	 1 mL
CERT-041	Topiramate-D12 (0.1 mg/mL) in Methanol	 1 mL
CERT-029	Tramadol-13C,D3 HCl (0.1 mg/mL) (as free base) in Methanol	 1 mL
CERT-027	cis-Tramadol HCl (1.0 mg/ml) in Methanol	 1 mL
CERT-030	Trazodone HCl (1.0 mg/ml) (as free base) in Methanol	 1 mL
NMIAD863	Triacetylnormorphine	 5 mg
NMIAD894	Triacetylnormorphine-D9	 5 mg
CERT-014	Triamterene	 100 mg
CERT-910	Triazolam (1.0 mg/ml ) in Methanol	 1 mL

如需帮助,请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
CERT-908	Triazolam-D4 (0.1mg/ml) in Methanol	1 mL
NMIAD906	m-Trifluoromethylphenylpiperazine HCl	50 mg
NMIAM605	Trimeperidine HCl	20 mg
NMIAD778	3,4,5-Trimethoxyamphetamine HCl (TMA)	20 mg
NMIAD864	trans-3,4,5-Trimethoxycinnamoyl cocaine HCl (in progress)	unit
NMIAD855	3,4,5-Trimethoxycocaine	20 mg
NMIAD858	3,4,5-Trimethoxytropacocaine HCl	10 mg
CERT-904	Trimipramine (1.0 mg/ml) in Methanol	1 mL
CERT-903	Trimipramine-D3 (0.1 mg/ml) in Methanol	1 mL
NMIAD846	Tropacocaine HCl	20 mg
CERV-006	Valproic acid (0.1 mg/ml) in Methanol	1 mL
CERV-004	Venlafaxine HCl (1.0 mg/ml) in Methanol	1 mL
CERV-002	Verapamil HCl (1.0 mg/ml) (as free base) in Methanol	1 mL
CERW-003	Warfarin (1.0 mg/ml) in Acetonitril	1 mL
TRC-Z140000	Zalcitabine	10 mg
TRC-Z145000	Zaleplon	100 mg
TRC-Z145002	Zaleplon-D5	1 mg
CERZ-002	Ziprasidone (1.0 mg/ml) in 1,2-Dimethoxyethane	1 mL

Code	Product	Unit
CERZ-001	Zolpidem-D6 (0.1 mg/ml) in Methanol	1 mL
CERZ-901	Zolpidem L-(+)-hemitartrate (1 mg/ml) (as free base) in Methanol	1 mL
CERZ-003	Zopiclone (1.0 mg/mL) in Methanol	1 mL

### Explosives

CERB-002	1,2,4-Butanetriol trinitrate 100 µg/mL in Acetonitrile	1 mL
CERB-003	1,2,4-Butanetriol-1,4-dinitrate 100 µg/mL in Acetonitrile	1 mL
CERD-002	1,2-Dinitroglycerin 100 µg/mL in Acetonitrile	1 mL
CERD-003	1,3-Dinitroglycerin 100 µg/mL in Acetonitrile	1 mL
CERD-004	Dinitroethylene glycol (EGDN) 100 µg/mL in Acetonitrile	1 mL
CERD-010	1,2-Dinitroglycerin 1000 µg/mL in Acetonitrile	1 mL
CERD-011	1,3-Dinitroglycerin 1000 µg/mL in Acetonitrile	1 mL
CERERA-017	2-Amino-4,6-dinitrotoluene (3,5-Dinitro-2-methylaniline)	100 mg
CERERA-018	4-Amino-2,6-dinitrotoluene (3,5-Dinitro-4-methylaniline)	100 mg
CERERA-022S	2-Amino-4,6-dinitrotoluene 1000 µg/mL in Acetonitrile	1.2 mL
CERERA-023S	4-Amino-2,6-dinitrotoluene 1000 µg/mL in Acetonitrile	1.2 mL
CERERD-032S	1,3-Dinitrobenzene 1000 µg/mL in Acetonitrile	1.2 mL
CERERD-033S	2,4-Dinitrotoluene 1000 µg/mL in Acetonitrile	1.2 mL
CERERD-034S	2,6-Dinitrotoluene 1000 µg/mL in Acetonitrile	1.2 mL
CERERD-079	2,2'-Dinitrodiphenylamine	250 mg
CERERD-080	2,4'-Dinitrodiphenylamine	250 mg
CERERD-081	4,4'-Dinitrodiphenylamine	250 mg
CERERD-115S	Diphenylamine 5000 µg/mL in Methanol	1.2 mL
CERERE-032S	Ethyl centralite 500 µg/mL in Methanol	1.2 mL
CERERR-001S	Hexogen (RDX) 1000 µg/mL in Acetonitrile	1.2 mL
CERERN-004S	Nitrobenzene 1000 µg/mL in Acetonitrile	1.2 mL
CERERN-006S	3-Nitrotoluene 1000 µg/mL in Acetonitrile	1.2 mL
CERERN-007S	4-Nitrotoluene 1000 µg/mL in Acetonitrile	1.2 mL
CERERN-027S	N-Nitrosodiphenylamine 1000 µg/mL in Methanol	1.2 mL
CERERT-021S	Tetryl 1000 µg/mL in Acetonitrile	1.2 mL
CERERT-022S	2,4,6-Trinitrotoluene 1000 µg/mL in Acetonitrile	1.2 mL
CERERT-023S	1,3,5-Trinitrobenzene 1000 µg/mL in Acetonitrile	1.2 mL
CERM-001	1-Mononitroglycerin 100 µg/mL in Acetonitrile	1 mL
CERM-002	2-Mononitroglycerin 100 µg/mL in Acetonitrile	1 mL
CERM-077	1-Mononitroglycerin 1000 µg/mL in Acetonitrile	1 mL
CERM-078	2-Mononitroglycerin 1000 µg/mL in Acetonitrile	1 mL
CERERH-004S	Octogen (HMX) 1000 µg/mL in Acetonitrile	1.2 mL
CERP-005	1,2-Propanediol dinitrate 100 µg/mL in Acetonitrile	1 mL
CERP-037	Nitropenta 1000 µg/mL in Acetonitrile	1 mL
CERERG-006	Single based gun propellant surveillance standard (nine components in Acetonitrile)	unit
CERT-002	Trinitroglycerin 1000 µg/mL in Acetonitrile	1 mL
CERT-021	Trinitroglycerin 1% w/w in Propylene glycol	1 mL
CERT-022	Trinitroglycerin 1% w/w in Propylene glycol	5 x 0.25 mL

## Phytochemicals of forensic interest

Code	Product	Unit
<b>Aconitum spp. (Monkshood)</b>		
CDX-00001339-005	Aconite Standards Kit contains: Aconitine Bulleyaconitine A Hypaconitine Lappaconitine	4 x 5 mg
<b>CDX-00001339-010 Aconite Standards Kit contains: Aconitine Bulleyaconitine A Hypaconitine Lappaconitine</b>		
<b>Amanita muscaria (Fly Agaric)</b>		
CDX-00001645-001	alpha-Amanitin	1 mg
CDX-00009025-002	Ibotenic Acid	2 mg
CDX-00013907-005	Muscimol	5 mg
<b>Amanita phalloides, Amanita ocreata, Amanita virosa, Amanita verna (Death Cap, Destroying Angel)</b>		
CDX-00001645-001	alpha-Amanitin	1 mg
<b>Aristolochia spp.</b>		
CDX-00001099-005	Aristolochic Acid Standards Kit contains: Aristolochic acid A Aristolochic acid B Aristolochic acid C	3 x 5 mg
CDX-00001099-010	Aristolochic Acid Standards Kit contains: Aristolochic acid A Aristolochic acid B Aristolochic acid C	3 x 10 mg
<b>Atropa belladonna (Belladonna, Deadly Nightshade)</b>		
CDX-00002059-010	Belladonna Standards Kit contains: Homatropine L-Hyoscyamine Atropine sulfate Scopolamine HBr Tropine	5 x 10 mg
<b>Banisteriopsis caapi (Ayahuasca)</b>		
CDX-00008045-100	Harmine	100 mg
CDX-00008040-001	Harmaline	1 g
CDX-00008040-100	Harmaline	100 mg
<b>Brugmansia aurea (Angel's Trumpet)</b>		
CDX-00011075-010	Atropine Sulfate	10 mg
CDX-00011075-001	Atropine Sulfate	1 g
CDX-00011075-005	Atropine Sulfate	5 g
CDX-00019089-250	Scopolamine HBr	250 mg
CDX-00019089-500	Scopolamine HBr	500 mg
CDX-00008875-010	L-Hyoscyamine	10 mg
CDX-00008875-050	L-Hyoscyamine	50 mg
CDX-00008876-010	Hyoscyamine Sulfate	10 mg
CDX-00008876-050	Hyoscyamine Sulfate	50 mg
CDX-00020491-010	Tropine	10 mg
CDX-00008326-025	Homatropine	25 mg
<b>Chelidonium majus (Greater Celandine, Tetterwort)</b>		
CDX-00003396-005	Chelerythrine Chloride	5 mg
CDX-00003770-005	Coptisine Chloride	5 mg
CDX-00003770-010	Coptisine Chloride	10 mg
CDX-00002200-005	Berberine Chloride	5 mg
CDX-00002200-010	Berberine Chloride	10 mg
CDX-00002200-100	Berberine Chloride	100 mg
CDX-00003406-010	(+)-Chelidonine	10 mg
CDX-00003406-025	(+)-Chelidonine	25 mg
CDX-00019045-010	Sanguinarine Chloride	10 mg
<b>Conium maculatum (Hemlock)</b>		
CDX-00003730-025	DL-Coniine	25 mg
CDX-00003735-005	DL-Coniine HCl	5 mg
CDX-00003735-025	DL-Coniine HCl	25 mg

Code	Product	Unit
<b>Mitragyna speciosa (Kratom)</b>		
CDX-00013955-005	Mitraphylline	5 mg
CDX-00013955-010	Mitraphylline	10 mg
<b>Myristica fragrans (Nutmeg)</b>		
CDX-00013935-010	Myristicin	10 mg
CDX-00013935-100	Myristicin	100 mg
<b>Piper methysticum (Kava)</b>		
CDX-00011310-005	Kava Kava Standards Kit contains: Desmethoxyyangonin Dihydrokavain Dihydromethysticin DL-Kavain Methysticin Yangonin	6 x 5 mg
CDX-00011310-010	Kava Kava Standards Kit contains: Desmethoxyyangonin Dihydrokavain Dihydromethysticin DL-Kavain Methysticin Yangonin	6 x 10 mg
ERM-AC020A	Kavain  This is a pure kavain material. The primary use is for the calibration of methods for the determination of kavain in herbal products, foodstuffs and other relevant matrices.  The purity of the material was characterised by three independent techniques: Liquid Chromatography with UV detection (LC-UV), Differential Scanning Calorimetry (DSC) and Gas Chromatography with Flame Ionisation Detection (GC-FID). LC-UV was carried out using a C18 column and a mobile phase of 5% water / 45% acetonitrile and a detection wavelength of 248 nm. GC-FID was carried out on a DB1 column with a temperature programme from 30 °C to 280 °C. DSC was carried out with a heating rate of 1.3 °C/minute.  Unit of 10 mg in screw-capped amber glass vial Purity: 99.8 ± 0.2 mass %	vial
ERM-DC020	Kava Root Powder  This material is an authentic and typical kava root powder from Fiji, to which it is native. The primary use of this material is for the calibration and ongoing monitoring of methods for the determination of kavain in herbal products, foodstuffs and other relevant matrices, and for the identification and authentication of kava root powder.  It has been certified for kavain content using liquid chromatography with diode array detection (LC-DAD), and gas-liquid chromatography with mass spectrometric detection (GC-MS), following extraction of the kavain from the matrix by accelerated solvent extraction (ASE) using acetone as the extraction solvent.  The material has been authenticated by the supplier, and typical LC and GC chromatograms showing kavain and the other kavalactones in the material (dihydrokavain, methysticin, dihydromethysticin, yangonin and desmethoxyyangonin) have also been produced. Certified for kavain content: ~ 13 g / kg	vial
<b>Psilocybe spp. (Magic Mushrooms)</b>		
CERP-048	Psilocin	5 mg
CERP-049	Psilocin-D10	5 mg
<b>Rauwolfia serpentina</b>		
CDX-00001499-010	Rauwolfia Standards Kit contains: Ajmalicine Ajmaline Corynanthine (Rauhimbine) Reserpine Reserpinic Acid HCl Rescinnamine alpha-Yohimbine HCl (Rauwolcine HCl)	7 x 10 mg
<b>Ricinus communis (Castor Oil Plant)</b>		
CDX-00018295-000	Ricin (Castor bean reference material)	5 mg
<b>Salvia miltiorrhiza (Danshen)</b>		
CDX-00004024-005	Danshen Tanshinone Standards Kit contains: Cryptotanshinone Tanshinone I Tanshinone IIA Dihydrotanshinone	4 x 5 mg
CDX-00004024-010	Danshen Tanshinone Standards Kit contains: Cryptotanshinone Tanshinone I Tanshinone IIA Dihydrotanshinone	4 x 10 mg
<b>Salvia divinorum</b>		
CDX-00019039-010	Salvinorin A	10 mg

Code	Product	Unit
<b>Styphnolobium japonicum / sophora japonica (Pagoda Tree)</b>		
CDX-00031065-010	Cytisine (Laburnin)	10 mg
<b>Symphytum officinale (Comfrey)</b>		
CDX-00005018-020	Echimidine	20 mg
<b>Trypterygium wilfordii (Yellow Vine)</b>		
CDX-00020485-010	Triptolide Standards Kit contains: Triptolide Epitriptolide Triptonide Triptophenolide	4 x 10 mg

## Forensic applications - matrix materials (blood, hair, serum, urine)

### **Amiodarone**

Code	Product	Unit				
ME 44203	<p>Medidrug Amiodarone 1/06-A S-plus, human serum control, with reference values</p> <p>Lyophilised human serum control with reference values for accuracy and precision monitoring of Amiodarone in serum. The reference values ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry) and released by the GTFCh.</p> <p>Analytes</p> <table> <tr> <td>Amiodarone .....</td> <td>0.340 mg/L</td> </tr> <tr> <td>Desethylamiodarone .....</td> <td>0.442 mg/L</td> </tr> </table>	Amiodarone .....	0.340 mg/L	Desethylamiodarone .....	0.442 mg/L	10 x 3 mL
Amiodarone .....	0.340 mg/L					
Desethylamiodarone .....	0.442 mg/L					
ME 44204	<p>Medidrug Amiodarone 1/06-B S-plus, human serum control, with reference values</p> <p>Lyophilised human serum control with reference values for accuracy and precision monitoring of Amiodarone in serum. The reference values ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry) and released by the GTFCh.</p> <p>Analytes</p> <table> <tr> <td>Amiodarone .....</td> <td>2.678 mg/L</td> </tr> <tr> <td>Desethylamiodarone .....</td> <td>1.430 mg/L</td> </tr> </table>	Amiodarone .....	2.678 mg/L	Desethylamiodarone .....	1.430 mg/L	10 x 3 mL
Amiodarone .....	2.678 mg/L					
Desethylamiodarone .....	1.430 mg/L					

### **Anticonvulsant drugs**

NIST-1599	<b>Anticonvulsant drug level assay standard</b>	set (4 x 5 mL)	
This material is certified for mass concentrations of two anticonvulsant drugs (valproic acid and carbamazepine) in processed human serum base. It is intended for use in the calibration and standardisation of procedures employed in clinical laboratories for the determination of these drugs in serum. It can also be used for critical evaluation of working or secondary reference solutions prepared either in-house or supplied commercially. This material is supplied as a set of four different freeze-dried preparations, three different mass concentrations and a blank.			
Analytes	low µg/mL	medium µg/mL	
Valproic acid .....	14.5 .....	89.1 .....	
Carbamazepine .....	2.8 .....	19.4 .....	
NIST-900	<b>Antiepilepsy drug level assay standard</b>	set (4 x 5 mL)	
This material is certified for mass concentrations of four antiepilepsy drugs (phenytoin, ethosuximide, phenobarbital and primidone) in a processed human serum base. It is intended for use in the calibration and standardisation of procedures employed in clinical laboratories for the determination of these drugs in serum, and for the critical evaluation of working or secondary reference solutions prepared either in-house or supplied commercially. One set contains four bottles with freeze-dried human serum, including a blank and three different concentration levels.			
Analytes	toxic µg/mL	therapeutic µg/mL	sub-therapeutic µg/mL
Phenytoin .....	60.7 .....	16.7 .....	4.2 .....
Ethosuximide .....	174.7 .....	75.9 .....	11.8 .....
Phenobarbital .....	103.6 .....	21.6 .....	5.3 .....
Primidone .....	18.6 .....	8.1 .....	3.6 .....

## Benzodiazepines

ME 41217	Benzodiazepines in human serum, control with certified values (Medidrug BZF 1/06 A S-plus)  Lyophilised control serum prepared from human serum for accuracy and precision monitoring of benzodiazepines determinations from human serum. The assay values and confidence ranges were established by a large number of independent institutions of forensic medicine within the bounds of external proficiency testing by the GTFCCh (Association of Toxicological and Forensic Chemistry)	10 x 2.5 mL
	Analytes	
	Bromazepam ..... 110.70 µg/L	Diazepam ..... 462.50 µg/L
	Clonazepam ..... 71.30 µg/L	Nordiazepam ..... 204.50 µg/L
ME 41218	Benzodiazepines in human serum, control with certified values (Medidrug BZF 1/06 B S-plus)  Lyophilised control serum prepared from human serum for accuracy and precision monitoring of benzodiazepines determinations from human serum. The assay values and confidence ranges were established by a large number of independent institutions of forensic medicine within the bounds of external proficiency testing by the GTFCCh (Association of Toxicological and Forensic Chemistry)	10 x 2.5 mL
	Analytes	
	7-Aminoflunitrazepam ..... 23.80 µg/L	Norflunitrazepam ..... 52.20 µg/L
	Flunitrazepam ..... 36.00 µg/L	Oxazepam ..... 419.80 µg/L
	Midazolam ..... 183.00 µg/L	

Code	Product	Unit
ME 41219	Benzodiazepines, human serum control with reference values (Medidrug BZF 2/07-A S-plus) Lyophilised human serum control for accuracy and precision monitoring of benzodiazepines determinations from human serum. The reference values were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry)	10 x 2.5 mL
	Analytes Bromazepam ..... 98.4 µg/L      Diazepam ..... 263.3 µg/L      Temazepam ..... 141.8 µg/L Clonazepam ..... 44.2 µg/L      Nordiazepam ..... 26.0 µg/L	
ME 41220	Benzodiazepines, human serum control with reference values (Medidrug BZF 2/07-B S-plus) Lyophilised human serum control for accuracy and precision monitoring of benzodiazepines determinations from human serum. The reference values were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry)	10 x 2.5 mL
	Analytes 7-Aminoflunitrazepam ..... 49.4 µg/L      Norflunitrazepam ..... 20.7 µg/L Flunitrazepam ..... 13.3 µg/L      Oxazepam ..... 426.0 µg/L Midazolam ..... 128.3 µg/L	
ME 41701	Benzodiazepines in human serum, level 1 Lyophilised human serum control with mean values for accuracy or precision control of benzodiazepines determinations from serum. The concentration values have been determined by independent laboratories of forensic medicine.	10 x 2.5 mL
	Analytes 7-Aminoflunitrazepam ..... 10 µg/L      Lorazepam ..... 20 µg/L Bromazepam ..... 100 µg/L      Nordiazepam ..... 100 µg/L Diazepam ..... 100 µg/L      Oxazepam ..... 100 µg/L Flunitrazepam ..... 10 µg/L	
ME 41702	Benzodiazepines in human serum, level 2 Lyophilised human serum control with mean values for accuracy or precision control of benzodiazepines determinations from serum. The concentration values have been determined by independent laboratories of forensic medicine.	10 x 2.5 mL
	Analytes 7-Aminoflunitrazepam ..... 50 µg/L      Lorazepam ..... 100 µg/L Bromazepam ..... 400 µg/L      Nordiazepam ..... 600 µg/L Diazepam ..... 600 µg/L      Oxazepam ..... 600 µg/L Flunitrazepam ..... 50 µg/L	
ME 41703	Benzodiazepines in human serum, level 1 Lyophilised human serum control with mean values for accuracy or precision control of benzodiazepines determinations from serum. The concentration values have been determined by independent laboratories of forensic medicine.	10 x 2.5 mL
	Analytes 7-Aminoflunitrazepam ..... 10 µg/L      Flunitrazepam ..... 10 µg/L Bromazepam ..... 100 µg/L      Lorazepam ..... 20 µg/L Clonazepam ..... 20 µg/L      Midazolam ..... 50 µg/L Nordiazepam ..... 100 µg/L      Oxazepam ..... 600 µg/L Diazepam ..... 100 µg/L	
ME 41704	Benzodiazepines in human serum, level 2 Lyophilised human serum control with mean values for accuracy or precision control of benzodiazepines determinations from serum. The concentration values have been determined by independent laboratories of forensic medicine.	10 x 2.5 mL
	Analytes 7-Aminoflunitrazepam ..... 50 µg/L      Flunitrazepam ..... 50 µg/L Bromazepam ..... 400 µg/L      Lorazepam ..... 100 µg/L Clonazepam ..... 100 µg/L      Midazolam ..... 200 µg/L Nordiazepam ..... 600 µg/L      Oxazepam ..... 600 µg/L Diazepam ..... 600 µg/L	

### Benzoylecgonine

NIST-1508A	Benzoylecgonine (cocaine metabolite) in freeze-dried urine This material is intended primarily for the determination of benzoylecgonine (cocaine metabolite) in human urine. It consists of four bottles of freeze dried urine, one bottle each of three different levels of benzoylecgonine plus one bottle of blank freeze dried urine.	set (4 x 10 mL)
	Analyte                          low                          medium                          high Benzoylecgonine ..... 78.1 ..... 161 ..... 315	

### Buprenorphines

ME 40011	Buprenorphines in human serum level 2 (Medidrug Buprenorphin S) Lyophilised human serum controls with mean values of two buprenorphines for accuracy or precision control of buprenorphines determinations from serum. The concentration values have been determined by independent laboratories of forensic medicine.	2 x 2.5 mL
	Analytes Buprenorphine ..... 2.0 µg/L Norbuprenorphine ..... 5.0 µg/L	
ME 40012	Buprenorphines in human serum, level 2 (Medidrug Buprenorphin S) Lyophilised human serum controls with mean values of two buprenorphines for accuracy or precision control of buprenorphines determinations from serum. The concentration values have been determined by independent laboratories of forensic medicine.	2 x 2.5 mL
	Analytes Buprenorphine ..... 13.05 µg/L Norbuprenorphine ..... 12.87 µg/L	
ME 40051	Buprenorphine in human urine cal 1 (1 ng/mL) (Medidrug BUP U-cal) Assayed value ..... 1.03 ng/mL	2 x 2.5 mL

如需帮助, 请 email: fapas\_cn@yahoo.com.cn 或致电: 021-58816707\*806 / (0) 13311603693

Code	Product	Unit
ME 40052	Buprenorphine in human urine cal 2 (5 ng/L) (Medidrug BUP U-cal) Assayed value..... 5.47 ng/mL	2 x 2.5 mL
ME 40053	Buprenorphine in human urine cal 3 (10 ng/L) (Medidrug BUP U-cal) Assayed value..... 10.69 ng/mL	2 x 2.5 mL
ME 40054	Buprenorphine in human urine cal 4 (20 ng/L) (Medidrug BUP U-cal) Assayed value..... 22.63 ng/mL	2 x 2.5 mL
ME 40055	Buprenorphine in human urine 5 (80 ng/L) (Medidrug BUP U-cal) Assayed value..... 83.62 ng/mL	2 x 2.5 mL
ME 40056	Buprenorphine in human urine cal 6 (200 ng/L) (Medidrug BUP U-cal) Assayed value..... 223.74 ng/mL	2 x 2.5 mL
ME 40131	Buprenorphines in human urine, level 1 (Medidrug BUP U) Lyophilised human urine control in two different concentrations for accuracy control of Buprenorphine determinations from urine. The concentration values have been determined by independent laboratories of forensic medicine. Analytes Buprenorphine ..... 2 ng/mL Norbuprenorphine ..... 2.5 ng/mL	2 x 2.5 mL
ME 40132	Buprenorphines in human urine, level 2 (Medidrug BUP U) Lyophilised human urine control in two different concentrations for accuracy control of Buprenorphine determinations from urine. The concentration values have been determined by independent laboratories of forensic medicine. Analytes Buprenorphine ..... 18.99 ng/mL Norbuprenorphine ..... 78.17 ng/mL	2 x 2.5 mL

### Cannabinoids

NIST-1507B	THC-COOH in freeze dried urine	set (3)
This material is intended primarily for verifying the accuracy of methods used for the determination of 11-nor-delta-9-tetrahydrocannabinol-9-carboxylic acid (THC-9-COOH) in human urine. It consists of three bottles of freeze-dried urine: two bottles, each containing a different certified concentration of THC-9-COOH and one bottle of a urine blank ( $X_0 < 1$ ). The contents of each bottle must be reconstituted with 20.0 mL of organic-free or HPLC-grade water.		
Analyte	low ng/mL	medium ng/mL
THC-9-COOH .....	11.7	24.1

### Clozapines

ME 41801	Clozapines in human serum, level 1 (Medidrug Clozapine S)	10 x 2.5 mL
Lyophilised human serum controls in two different concentrations for accuracy and precision monitoring of clozapine determinations from serum. The real assay values have been determined by independent laboratories of forensic medicine. Analytes Clozapine ..... 150 µg/L Clozapine-N-oxide ..... 50 µg/L N-Desmethylclozapine ..... 120 µg/L		
ME 41802	Clozapine in human serum, level 2 (Medidrug Clozapine S)	10 x 2.5 mL
Lyophilised human serum controls in two different concentrations for accuracy and precision monitoring of clozapine determinations from serum. The real assay values have been determined by independent laboratories of forensic medicine. Analytes Clozapine ..... 780 µg/L Clozapine-N-oxide ..... 200 µg/L N-Desmethylclozapine ..... 850 µg/L		

### Cotinine

NIST-RM 8444	Cotinine in human urine	4 x 5 mL
This standard is intended primarily for use in validating methods for the determination of Cotinine in human urine. One set consists of four vials, each containing Cotinine in 5 mL human urine, which has been freeze dried. Two vials are "blank" concentration levels, typical for non-smokers without exposure to cigarette smoke; one vial is a "low" concentration level corresponding to non-smokers with passive exposure to side-stream smoke; and one vial is a "high" level, typical of smokers. Analyte blank ng/mL		
Cotinine.....	0.8	54
		488

### Ecstasy

LGC8022	Ecstasy (Methylenedioxymethamphetamine) in freeze dried urine	10 x 10 mL
Assessed value Ecstasy ..... 634 ng/mL		

## Meprobamate

ME 43004	Meprobamat in human whole blood, level I (liquid) (Medidrug MEP SF4/03 VB-plus) Human whole blood control with certified values (SFTA) is a liquid control whole blood prepared from whole blood with constituents of human origin and Meprobamate for accuracy and precision monitoring of Meprobamate determinations from whole blood. Meprobamate ..... 124.0 µg/mL	2 x 2.5 mL
ME 43005	Meprobamat in human whole blood, level II (liquid) (Medidrug MEP SF4/03 VB-plus) Human whole blood control with certified values (SFTA) is a liquid control whole blood prepared from whole blood with constituents of human origin and Meprobamate for accuracy and precision monitoring of Meprobamate determinations from whole blood. Meprobamate ..... 194.8 µg/mL	2 x 2.5 mL
ME 43301	Meprobamate in human serum, level 1 (Medidrug MEP SF4/03 S-plus) Human serum control with certified values (SFTA) is a liquid serum control from human blood with constituents of human origin and Meprobamate for accuracy and precision monitoring of Meprobamate determinations from serum. Meprobamate ..... 20.5 µg/mL	2 x 2.5 mL
ME 43302	Meprobamate in human serum, level 2 (Medidrug MEP SF4/03 S-plus) Human serum control with certified values (SFTA) is a liquid serum control from human blood with constituents of human origin and Meprobamate for accuracy and precision monitoring of Meprobamate determinations from serum. Meprobamate ..... 120.0 µg/mL	2 x 2.5 mL

## Opiates

NIST-2381	Morphine and codeine in urine  This material is intended primarily for verifying the accuracy of methods used for the determination of morphine and codeine in human urine. One set consists of four bottles of freeze-dried urine: one bottle each of three different analyte levels plus one bottle of blank urine.	set (4)
	Analytes                          low                          medium                          high ng/mL                            ng/mL                            ng/mL	
	Morphine ..... 134                295                580	
	Codeine ..... 130                282                560	
NIST-2382	Morphine glucuronide in freeze dried urine  This material is intended primarily for verifying the accuracy of methods used for the determination of morphine that is present as a glucuronide in human urine. One set consists of four bottles of freeze-dried urine: one bottle each of three different analyte levels plus one bottle of blank urine. The certified mass concentrations for morphine glucuronide in the reconstituted urine are given below as free morphine.	set (4)
	Analyte                          low                          medium                          high ng/mL                            ng/mL                            ng/mL	
	Morphine ..... 209                437                863	

## Heroin replacement drugs

ME 44502	Replacement drugs in human serum, certified reference control (Medidrug STM 1/05 A S-plus) Lyophilised serum control prepared from human serum for accuracy and precision monitoring of replacement drug determinations in serum. The detected values and confidence ranges were established by a large number of independent institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh Analytes Buprenorphine ..... 3.0 µg/L      EDDP ..... 22.90 µg/L Norbuprenorphine ..... 6.20 µg/L     Methadone ..... 107.50 µg/L	2 x 2.5 mL
ME 44503	Replacement drugs in human serum, certified reference control (Medidrug STM 1/06 A S-plus) Lyophilised serum control prepared from human serum for accuracy and precision monitoring of replacement drug determinations in serum. The detected values and confidence ranges were established by a large number of independent institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh Analytes Buprenorphine ..... 2.10 µg/L      EDDP ..... 128.20 µg/L Norbuprenorphine ..... 25.60 µg/L     Methadone ..... 64.40 µg/L	2 x 2.5 mL
ME 44504	Replacement drugs, human serum control with reference values (Medidrug STM 2/07-A S-plus) Lyophilised human serum control for accuracy and precision monitoring of replacement drugs determinations in human serum. The reference values were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry). Analytes Buprenorphine ..... 5.5 µg/L      EDDP ..... 18.2 µg/L Norbuprenorphine ..... 8.3 µg/L     Methadone ..... 82.1 µg/L	2 x 2.5 mL
ME 44102	Replacement drugs in human urine, certified reference control (Medidrug STM 1/05-B U-plus) Lyophilised human urine control with values certified by proficiency testing for accuracy and precision monitoring of replacement drugs determinations in urine. Each control lot has been produced especially for the external quality controls organised by the GFTCh. The nominal values have been determined by interlaboratory test. Analytes Buprenorphine ..... 11.80 µg/L      EDDP ..... 431.40 µg/L Norbuprenorphine ..... 27.50 µg/L     Methadone ..... 190.40 µg/L	2 x 2.5 mL
ME 44103	Replacement drugs in human urine, certified reference control (Medidrug STM 1/06-B U-plus) Lyophilised human urine control with values certified by proficiency testing for accuracy and precision monitoring of replacement drugs determinations in urine. Each control lot has been produced especially for the external quality controls organised by the GFTCh. The nominal values have been determined by interlaboratory test. Analytes Buprenorphine ..... 11.20 µg/L      EDDP ..... 199.50 µg/L Norbuprenorphine ..... 25.90 µg/L     Methadone ..... 263.80 µg/L	2 x 2.5 mL

## Therapeutic drug monitoring

ME 41409	Therapeutic drug monitoring, human serum control, with reference values (Medidrug TDMA 2/06-A S-plus) Lyophilised human serum control with reference values for accuracy and precision control for therapeutic drug monitoring in serum. The reference values ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry) and released by the GTFCh. Analytes Clozapine ..... 303.1 µg/L Quetiapine ..... 197.9 µg/L Desmethylclozapine ..... 327.0 µg/L Risperidone ..... 10.3 µg/L Olanzapine ..... 33.5 µg/L 9-Hydroxy-Risperidone ..... 50.1 µg/L Perazine ..... 101.9 µg/L	5 x 5mL																																				
ME 41410	Therapeutic drug monitoring, human serum control, with reference values (Medidrug TDMA 2/06-B S-plus) Lyophilised human serum control with reference values for accuracy and precision control for therapeutic drug monitoring in serum. The reference values ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry) and released by the GTFCh. Analytes Clozapine ..... 1236.0 µg/L Quetiapine ..... 366.6 µg/L N-Desmethylclozapine ..... 883.5 µg/L Risperidone ..... 17.5 µg/L Olanzapine ..... 98.8 µg/L 9-Hydroxy-Risperidone ..... 96.5 µg/L Perazine ..... 271.3 µg/L	5 x 5mL																																				
Seronorm pharmaca (serum controls for clinical chemistry)																																						
The Seronorm Pharmaca materials are intended for checking precision of methods routinely used for therapeutic drug monitoring. It is available at two levels (L-1 and L-2), containing an animal-based matrix spiked with more than 30 drugs. No stabilisers or preservatives are added. Unopened vials can be stored for three years at 2-8 °C. After opening, the material is stable for seven days at 2-8 °C. The materials can be frozen in small portions.																																						
Components:																																						
<table> <tbody> <tr><td>Amikacin</td><td>Digoxin</td><td>Methotrexate</td><td>Quinidine</td></tr> <tr><td>Amiodarone</td><td>Disopyramide</td><td>Netilmicin (only L-1)</td><td>Salicylate</td></tr> <tr><td>Caffeine</td><td>Ethosuximide</td><td>Nortriptyline</td><td>Theophylline</td></tr> <tr><td>Carbamazepine</td><td>Flecainide</td><td>Paracetamol</td><td>Tobramycin</td></tr> <tr><td>Chloramphenicol</td><td>Gentamycin</td><td>Phenobarbital</td><td>Valproic Acid</td></tr> <tr><td>Clonazepam</td><td>Haloperidol</td><td>Phenytoin</td><td>Vancomycin</td></tr> <tr><td>Cyklosporine</td><td>Imipramine</td><td>Primidone</td><td></td></tr> <tr><td>Desipramine</td><td>Lidocaine</td><td>Procainamide</td><td></td></tr> <tr><td>Diazepam</td><td>Lithium</td><td>Propantheline</td><td></td></tr> </tbody> </table>			Amikacin	Digoxin	Methotrexate	Quinidine	Amiodarone	Disopyramide	Netilmicin (only L-1)	Salicylate	Caffeine	Ethosuximide	Nortriptyline	Theophylline	Carbamazepine	Flecainide	Paracetamol	Tobramycin	Chloramphenicol	Gentamycin	Phenobarbital	Valproic Acid	Clonazepam	Haloperidol	Phenytoin	Vancomycin	Cyklosporine	Imipramine	Primidone		Desipramine	Lidocaine	Procainamide		Diazepam	Lithium	Propantheline	
Amikacin	Digoxin	Methotrexate	Quinidine																																			
Amiodarone	Disopyramide	Netilmicin (only L-1)	Salicylate																																			
Caffeine	Ethosuximide	Nortriptyline	Theophylline																																			
Carbamazepine	Flecainide	Paracetamol	Tobramycin																																			
Chloramphenicol	Gentamycin	Phenobarbital	Valproic Acid																																			
Clonazepam	Haloperidol	Phenytoin	Vancomycin																																			
Cyklosporine	Imipramine	Primidone																																				
Desipramine	Lidocaine	Procainamide																																				
Diazepam	Lithium	Propantheline																																				
SERO101405	Seronorm Pharmaca L-1 (serum control for clinical chemistry)	6 x 1 mL																																				
SERO101505	Seronorm Pharmaca L-2 (serum control for clinical chemistry)	6 x 1 mL																																				
<b>Tricyclic antidepressants</b>																																						
ME 42915	Tricyclic antidepressants in serum, certified reference control (Medidrug TCA 1/06-A S-plus) Lyophilised serum control prepared from human serum for accuracy and precision monitoring of tricyclic antidepressant determinations in serum. The assay values and confidence ranges were established by a large number of independent institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh Analytes Amitriptyline ..... 90.40 µg/L Nordoxepine ..... 86.90 µg/L Doxepine ..... 129.40 µg/L Nortriptyline ..... 77.60 µg/L	10 x 2.5 mL																																				
ME 42916	Tricyclic antidepressants in serum, certified reference control (Medidrug TCA 1/06-B S-plus) Lyophilised serum control prepared from human serum for accuracy and precision monitoring of tricyclic antidepressant determinations in serum. The assay values and confidence ranges were established by a large number of independent institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh Analytes Amitriptyline ..... 354.30 µg/L Nordoxepine ..... 306.90 µg/L Doxepine ..... 368.80 µg/L Nortriptyline ..... 213.60 µg/L	10 x 2.5 mL																																				
ME 42917	Tricyclic antidepressants in serum, certified reference control (Medidrug TCA 1/06-C S-plus) Lyophilised serum control prepared from human serum for accuracy and precision monitoring of tricyclic antidepressant determinations in serum. The assay values and confidence ranges were established by a large number of independent institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh Analytes Clomipramine ..... 63.10 µg/L Imipramine ..... 149.50 µg/L Desipramine ..... 136.00 µg/L Norclomipramine ..... 77.70 µg/L	10 x 2.5 mL																																				
ME 42918	Tricyclic antidepressants in serum, certified reference control (Medidrug TCA 1/06-D S-plus) Lyophilised human control for accuracy and precision monitoring of tricyclic antidepressant determinations in serum. The reference values ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry). Analytes Clomipramine ..... 136.70 µg/L Imipramine ..... 367.80 µg/L Desipramine ..... 412.80 µg/L Norclomipramine ..... 202.90 µg/L	10 x 2.5 mL																																				
ME 42919	Tricyclic antidepressants, human serum control with reference values (Medidrug TCA 2/07-A S-plus) Lyophilised human serum control for accuracy and precision monitoring of tricyclic antidepressant determinations in serum. The reference values were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry). Analytes Amitriptyline ..... 81.2 µg/L Nordoxepine ..... 113.7 µg/L Doxepine ..... 82.5 µg/L Nortriptyline ..... 80.5 µg/L	10 x 2.5 mL																																				

Code	Product	Unit
ME 42920	Tricyclic antidepressants, human serum control with reference values (Medidrug TCA 2/07-B S-plus) Lyophilised human serum control for accuracy and precision monitoring of tricyclic antidepressant determinations in serum. The reference values were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry). Analytes Amitriptylin ..... 299.3 µg/L Nordoxepin ..... 205.6 µg/L Doxepin ..... 158.9 µg/L Nortriptylin ..... 185.9 µg/L	10 x 2.5 mL
<b>Various drugs of abuse</b>		
ME 42604	Drugs of abuse in human whole blood, control with reference values (Medidrug BTMF 2/07-B VB-plus) Lyophilised human whole blood control prepared from human whole blood with constituents of drugs of abuse. With reference values for accuracy and precision monitoring of drugs of abuse determinations from whole blood. The reference values ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry) and released by the GTFCh Analytes Amphetamine ..... 134.9 µg/L MBDB ..... 74.2 µg/L Morphine ..... 41.2 µg/L Benzoylegonine ..... 149.7 µg/L MDA ..... 73.5 µg/L 11-Hydroxy-Δ <sup>9</sup> -THC ..... 2.7 µg/L Cocaine ..... 47.8 µg/L MDE (MDEA) ..... 42.8 µg/L Δ <sup>9</sup> -THC ..... 3.4 µg/L Codeine ..... 137.8 µg/L MDMA (Ecstasy) ..... 39.2 µg/L 11-Nor-Δ <sup>9</sup> -THC COOH ..... 54.2 µg/L Egoninnmethylester ..... 33.4 µg/L Methamphetamine ..... 117.3 µg/L	10 x 2.5 mL
<b>ME 40711</b>		
ME 40711	Drugs of abuse in human hair, with reference values Medidrug DHF 3/06-A H-plus Powdered hair control prepared from spiked hair samples of human origin with reference values for accuracy and precision monitoring of drugs of abuse determinations from hair. The reference values ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry) and released by the GTFCh. Analytes Amphetamine ..... 1.46 ng/mg Benzoylegonine ..... 3.18 ng/mg Methamphetamine ..... 1.18 ng/mg Morphine ..... 1.40 ng/mg MDA ..... 0.47 ng/mg MAM (6-Acetylmorphine) ..... 2.01 ng/mg MDE (MDEA) ..... 0.72 ng/mg Δ <sup>9</sup> -THC ..... 0.72 ng/mg MDMA (Ecstasy) ..... 1.40 ng/mg CBD (Cannabidiol) ..... 0.78 ng/mg Cocaine ..... 2.68 ng/mg CBN (Cannabinol) ..... 0.79 ng/mg	1 x 250 mg
NIST-2379	Drugs of abuse in human hair I This Standard Reference Material (SRM) is intended primarily for use in validating methods for determining cocaine (COC), benzoylegonine (BZE), cocaethylene (CE), amphetamine (AMP), methamphetamine (MAMP), and phencyclidine (PCP) in human hair and similar materials. This SRM can also be used for quality assurance when assigning values to in-house control materials. The SRM is a drug-free human hair material, to which drugs of abuse have been incorporated. A unit of SRM 2379 consists of one bottle containing approximately 100 mg of hair segments. Certified concentrations (mass fraction) Analytes Amphetamine ..... 6.00 ± 0.32 ng/mg Benzoylegonine ..... 4.01 ± 0.31 ng/mg Cocaethylene ..... 2.87 ± 0.24 ng/mg Cocaine ..... 7.45 ± 0.40 ng/mg Methamphetamine ..... 5.20 ± 0.27 ng/mg Phencyclidine ..... 6.24 ± 0.42 ng/mg	100 mg
NIST-2380	Drugs of abuse in human hair II This standard reference material is intended primarily for use in validating methods for determining morphine (MOR), codeine (COD), 6-monoacetylmorphine (MAM), and tetrahydrocannabinol (THC) in human hair and similar materials. This material can also be used for quality assurance when assigning values to in-house control materials. This standard is a drug-free human hair material, to which drugs of abuse have been incorporated. A unit consists of one bottle containing approximately 100 mg of hair segments. Certified concentrations (mass fraction) Analytes Codeine ..... 9.82 ± 0.70 ng/mg Morphine ..... 10.54 ± 0.68 ng/mg 6-Monoacetylmorphine ..... 2.71 ± 0.30 ng/mg Tetrahydrocannabinol ..... 0.99 ± 0.10 ng/mg	100 mg
ME 41646	Drugs of abuse in human serum, human serum control with reference values (Medidrug BTMF 3/06-A S-plus) Lyophilised human serum control prepared from human serum with constituents of drugs of abuse. With reference values for accuracy and precision monitoring of drugs of abuse determinations from serum. The reference values ranges were established by institutions of forensic medicine within the bounds of external proficiency testing by the GTFCh (Association of Toxicological and Forensic Chemistry) and released by the GTFCh. Analytes Amphetamine ..... 51.1 µg/L Benzoylegonine ..... 97.7 µg/L MDA ..... 99.3 µg/L Egoninnmethylester ..... 34.2 µg/L MDE (MDEA) ..... 57.8 µg/L Morphine ..... 40.3 µg/L MDMA (Ecstasy) ..... 76.9 µg/L Codeine ..... 102.2 µg/L Methamphetamine ..... 128.8 µg/L 11-Hydroxy-Δ <sup>9</sup> -THC ..... 1.6 µg/L MBDB ..... 63.9 µg/L Δ <sup>9</sup> -THC ..... 1.4 µg/L Cocaine ..... 11.4 µg/L 11-Nor-Δ <sup>9</sup> -THC COOH ..... 32.3 µg/L	10 x 2.5mL
NIST-1511	Multi-drugs of abuse in freeze-dried urine This material is intended primarily for verifying the accuracy of methods used for the determination of morphine, codeine, cocaine, (benzoylegonine), and marijuana metabolite (THC-9-COOH) and phencyclidine in human urine. One set consists of three bottles of freeze-dried urine with all of the analytes included in each bottle. There is no blank urine with this set. Analytes Morphine ..... 309 ng/mL Benzoylegonine ..... 162 ng/mL Phencyclidine ..... 20.7 ng/mL Codeine ..... 288 ng/mL THC-9-COOH ..... 14.1 ng/mL	3 x 25 mL

Code	Product	Unit																																																																																										
ME 40531	<p>Drugs and medicaments, cut-off + 25 % human urine screening control with target values Lyophilised human urine control (Medidrug U-Screen) prepared from human urine with target values intended for the use as quality control to monitor the performance of urine toxicology confirmatory procedures by determination of drugs of abuse and drugs.</p> <table> <thead> <tr> <th>Analytes</th> <th>cut off</th> <th>+ 25% cut off</th> </tr> </thead> <tbody> <tr><td>Amphetamine.....</td><td>500.....</td><td>625 ng/ml</td></tr> <tr><td>Benzoylegonine.....</td><td>300.....</td><td>375 ng/ml</td></tr> <tr><td>Morphine .....</td><td>300.....</td><td>375 ng/ml</td></tr> <tr><td>Oxazepam.....</td><td>200.....</td><td>250 ng/ml</td></tr> <tr><td>Secobarbital.....</td><td>200.....</td><td>250 ng/ml</td></tr> <tr><td>11-Nor-<math>\Delta^9</math>THC COOH .....</td><td>50.....</td><td>62.5 ng/ml</td></tr> <tr><td>Phencyclidine (PCP).....</td><td>25.....</td><td>31.25 ng/ml</td></tr> <tr><td>LSD .....</td><td>1.....</td><td>1.25 ng/ml</td></tr> <tr><td>Methadone .....</td><td>300.....</td><td>375 ng/ml</td></tr> <tr><td>EDDP.....</td><td>300.....</td><td>375 ng/ml</td></tr> <tr><td>Methaqualone .....</td><td>300.....</td><td>375 ng/ml</td></tr> <tr><td>Propoxyphen.....</td><td>300.....</td><td>375 ng/ml</td></tr> <tr><td>Buprenorphine .....</td><td>5.....</td><td>6.25 ng/ml</td></tr> </tbody> </table>	Analytes	cut off	+ 25% cut off	Amphetamine.....	500.....	625 ng/ml	Benzoylegonine.....	300.....	375 ng/ml	Morphine .....	300.....	375 ng/ml	Oxazepam.....	200.....	250 ng/ml	Secobarbital.....	200.....	250 ng/ml	11-Nor- $\Delta^9$ THC COOH .....	50.....	62.5 ng/ml	Phencyclidine (PCP).....	25.....	31.25 ng/ml	LSD .....	1.....	1.25 ng/ml	Methadone .....	300.....	375 ng/ml	EDDP.....	300.....	375 ng/ml	Methaqualone .....	300.....	375 ng/ml	Propoxyphen.....	300.....	375 ng/ml	Buprenorphine .....	5.....	6.25 ng/ml	9 x 5 mL																																																
Analytes	cut off	+ 25% cut off																																																																																										
Amphetamine.....	500.....	625 ng/ml																																																																																										
Benzoylegonine.....	300.....	375 ng/ml																																																																																										
Morphine .....	300.....	375 ng/ml																																																																																										
Oxazepam.....	200.....	250 ng/ml																																																																																										
Secobarbital.....	200.....	250 ng/ml																																																																																										
11-Nor- $\Delta^9$ THC COOH .....	50.....	62.5 ng/ml																																																																																										
Phencyclidine (PCP).....	25.....	31.25 ng/ml																																																																																										
LSD .....	1.....	1.25 ng/ml																																																																																										
Methadone .....	300.....	375 ng/ml																																																																																										
EDDP.....	300.....	375 ng/ml																																																																																										
Methaqualone .....	300.....	375 ng/ml																																																																																										
Propoxyphen.....	300.....	375 ng/ml																																																																																										
Buprenorphine .....	5.....	6.25 ng/ml																																																																																										
ME 40532	<p>Drugs and medicaments, cut-off - 25 % human urine screening control with target values Lyophilised human urine control (Medidrug U-Screen) prepared from human urine with target values intended for the use as quality control to monitor the performance of urine toxicology confirmatory procedures by determination of drugs of abuse and drugs.</p> <table> <thead> <tr> <th>Analytes</th> <th>cut off</th> <th>- 25% cut off</th> </tr> </thead> <tbody> <tr><td>Amphetamine.....</td><td>500.....</td><td>375 ng/ml</td></tr> <tr><td>Benzoylegonine.....</td><td>300.....</td><td>225 ng/ml</td></tr> <tr><td>Morphine .....</td><td>300.....</td><td>225 ng/ml</td></tr> <tr><td>Oxazepam.....</td><td>200.....</td><td>150 ng/ml</td></tr> <tr><td>Secobarbital.....</td><td>200.....</td><td>150 ng/ml</td></tr> <tr><td>11-Nor-<math>\Delta^9</math>THC COOH .....</td><td>50.....</td><td>37.50 ng/ml</td></tr> <tr><td>Phencyclidine (PCP).....</td><td>25.....</td><td>18.75 ng/ml</td></tr> <tr><td>LSD .....</td><td>1.....</td><td>0.75 ng/ml</td></tr> <tr><td>Methadone .....</td><td>300.....</td><td>225 ng/ml</td></tr> <tr><td>EDDP.....</td><td>300.....</td><td>225 ng/ml</td></tr> <tr><td>Methaqualone .....</td><td>300.....</td><td>22 ng/ml</td></tr> <tr><td>Propoxyphen.....</td><td>300.....</td><td>22.5 ng/ml</td></tr> <tr><td>Buprenorphine .....</td><td>5.....</td><td>3.75 ng/ml</td></tr> </tbody> </table>	Analytes	cut off	- 25% cut off	Amphetamine.....	500.....	375 ng/ml	Benzoylegonine.....	300.....	225 ng/ml	Morphine .....	300.....	225 ng/ml	Oxazepam.....	200.....	150 ng/ml	Secobarbital.....	200.....	150 ng/ml	11-Nor- $\Delta^9$ THC COOH .....	50.....	37.50 ng/ml	Phencyclidine (PCP).....	25.....	18.75 ng/ml	LSD .....	1.....	0.75 ng/ml	Methadone .....	300.....	225 ng/ml	EDDP.....	300.....	225 ng/ml	Methaqualone .....	300.....	22 ng/ml	Propoxyphen.....	300.....	22.5 ng/ml	Buprenorphine .....	5.....	3.75 ng/ml	9 x 5 mL																																																
Analytes	cut off	- 25% cut off																																																																																										
Amphetamine.....	500.....	375 ng/ml																																																																																										
Benzoylegonine.....	300.....	225 ng/ml																																																																																										
Morphine .....	300.....	225 ng/ml																																																																																										
Oxazepam.....	200.....	150 ng/ml																																																																																										
Secobarbital.....	200.....	150 ng/ml																																																																																										
11-Nor- $\Delta^9$ THC COOH .....	50.....	37.50 ng/ml																																																																																										
Phencyclidine (PCP).....	25.....	18.75 ng/ml																																																																																										
LSD .....	1.....	0.75 ng/ml																																																																																										
Methadone .....	300.....	225 ng/ml																																																																																										
EDDP.....	300.....	225 ng/ml																																																																																										
Methaqualone .....	300.....	22 ng/ml																																																																																										
Propoxyphen.....	300.....	22.5 ng/ml																																																																																										
Buprenorphine .....	5.....	3.75 ng/ml																																																																																										
ME 40572	<p>Drug U-confirmation, cut-off + 25 % drugs and medicaments urine confirmation control with target values Lyophilised urine control (Medidrug U-Confirmation) prepared from human urine containing drugs and medicaments with target values. It is intended for the use as quality control to monitor the performance of urine toxicology confirmatory procedures by determination of drugs of abuse and drugs.</p> <table> <thead> <tr> <th>Analytes</th> <th>cut off</th> <th>+ 25% cut off</th> </tr> </thead> <tbody> <tr><td>Amphetamine.....</td><td>200.....</td><td>250 ng/mL</td></tr> <tr><td>d-Methamphetamine.....</td><td>200.....</td><td>250 ng/mL</td></tr> <tr><td>MDA (3,4-Methylenedioxymphetamine).....</td><td>200.....</td><td>250 ng/mL</td></tr> <tr><td>MDEA .....</td><td>200.....</td><td>250 ng/mL</td></tr> <tr><td>(3,4-Methylenedioxy-N-ethylamphetamine) MDMA ("Ecstasy") .....</td><td>200.....</td><td>250 ng/mL</td></tr> <tr><td>(3,4-Methylenedioxymethamphetamine).....</td><td>200.....</td><td>250 ng/mL</td></tr> <tr><td>MBDB .....</td><td>200.....</td><td>250 ng/mL</td></tr> <tr><td>(N-Methyl-1-(3,4-Methylenedioxymethyl)-2-butanolamine) Benzoylegonine .....</td><td>150.....</td><td>187.5 ng/mL</td></tr> <tr><td>Egoninmethyleneester .....</td><td>150.....</td><td>187.5 ng/mL</td></tr> <tr><td>Morphine .....</td><td>300.....</td><td>375 ng/mL</td></tr> <tr><td>Morphin-3-<math>\beta</math>-D-glucuronide .....</td><td>300.....</td><td>375 ng/mL</td></tr> <tr><td>Cocaine .....</td><td>300.....</td><td>375 ng/mL</td></tr> <tr><td>Dihydrocodeine .....</td><td>300.....</td><td>375 ng/mL</td></tr> <tr><td><math>\delta</math>-Monacetylmorphine (<math>\delta</math>-MAM).....</td><td>10.....</td><td>12.5 ng/mL</td></tr> <tr><td>7-Aminofunitrazepam .....</td><td>200.....</td><td>125 ng/mL</td></tr> <tr><td>Bromazepam .....</td><td>100.....</td><td>125 ng/mL</td></tr> <tr><td>Oxazepam .....</td><td>100.....</td><td>125 ng/mL</td></tr> <tr><td>Nordiazepam .....</td><td>100.....</td><td>125 ng/mL</td></tr> <tr><td>Zolpidem .....</td><td>100.....</td><td>125 ng/mL</td></tr> <tr><td>Secobarbital .....</td><td>150.....</td><td>187.5 ng/mL</td></tr> <tr><td>THC COOH (11-Nor-<math>\Delta^9</math>THC carboxylic acid) .....</td><td>15.....</td><td>18.75 ng/mL</td></tr> <tr><td>Phencyclidine (PCP).....</td><td>25.....</td><td>31.25 ng/mL</td></tr> <tr><td>LSD (Lysergic acid diethylamide) .....</td><td>1.....</td><td>1.25 ng/mL</td></tr> <tr><td>Methadone .....</td><td>250.....</td><td>312.5 ng/mL</td></tr> <tr><td>EDDP .....</td><td>250.....</td><td>312.5 ng/mL</td></tr> <tr><td>(2-Ethyl-1,5-dimethyl-3,3-diphenyl-pyrrolidine) Methaqualone .....</td><td>300.....</td><td>375 ng/mL</td></tr> <tr><td>Propoxyphene .....</td><td>300.....</td><td>375 ng/mL</td></tr> <tr><td>Buprenorphine .....</td><td>5.....</td><td>6.25 ng/mL</td></tr> <tr><td>Norbuprenorphine .....</td><td>5.....</td><td>6.25 ng/mL</td></tr> </tbody> </table>	Analytes	cut off	+ 25% cut off	Amphetamine.....	200.....	250 ng/mL	d-Methamphetamine.....	200.....	250 ng/mL	MDA (3,4-Methylenedioxymphetamine).....	200.....	250 ng/mL	MDEA .....	200.....	250 ng/mL	(3,4-Methylenedioxy-N-ethylamphetamine) MDMA ("Ecstasy") .....	200.....	250 ng/mL	(3,4-Methylenedioxymethamphetamine).....	200.....	250 ng/mL	MBDB .....	200.....	250 ng/mL	(N-Methyl-1-(3,4-Methylenedioxymethyl)-2-butanolamine) Benzoylegonine .....	150.....	187.5 ng/mL	Egoninmethyleneester .....	150.....	187.5 ng/mL	Morphine .....	300.....	375 ng/mL	Morphin-3- $\beta$ -D-glucuronide .....	300.....	375 ng/mL	Cocaine .....	300.....	375 ng/mL	Dihydrocodeine .....	300.....	375 ng/mL	$\delta$ -Monacetylmorphine ( $\delta$ -MAM).....	10.....	12.5 ng/mL	7-Aminofunitrazepam .....	200.....	125 ng/mL	Bromazepam .....	100.....	125 ng/mL	Oxazepam .....	100.....	125 ng/mL	Nordiazepam .....	100.....	125 ng/mL	Zolpidem .....	100.....	125 ng/mL	Secobarbital .....	150.....	187.5 ng/mL	THC COOH (11-Nor- $\Delta^9$ THC carboxylic acid) .....	15.....	18.75 ng/mL	Phencyclidine (PCP).....	25.....	31.25 ng/mL	LSD (Lysergic acid diethylamide) .....	1.....	1.25 ng/mL	Methadone .....	250.....	312.5 ng/mL	EDDP .....	250.....	312.5 ng/mL	(2-Ethyl-1,5-dimethyl-3,3-diphenyl-pyrrolidine) Methaqualone .....	300.....	375 ng/mL	Propoxyphene .....	300.....	375 ng/mL	Buprenorphine .....	5.....	6.25 ng/mL	Norbuprenorphine .....	5.....	6.25 ng/mL	9 x 5 mL
Analytes	cut off	+ 25% cut off																																																																																										
Amphetamine.....	200.....	250 ng/mL																																																																																										
d-Methamphetamine.....	200.....	250 ng/mL																																																																																										
MDA (3,4-Methylenedioxymphetamine).....	200.....	250 ng/mL																																																																																										
MDEA .....	200.....	250 ng/mL																																																																																										
(3,4-Methylenedioxy-N-ethylamphetamine) MDMA ("Ecstasy") .....	200.....	250 ng/mL																																																																																										
(3,4-Methylenedioxymethamphetamine).....	200.....	250 ng/mL																																																																																										
MBDB .....	200.....	250 ng/mL																																																																																										
(N-Methyl-1-(3,4-Methylenedioxymethyl)-2-butanolamine) Benzoylegonine .....	150.....	187.5 ng/mL																																																																																										
Egoninmethyleneester .....	150.....	187.5 ng/mL																																																																																										
Morphine .....	300.....	375 ng/mL																																																																																										
Morphin-3- $\beta$ -D-glucuronide .....	300.....	375 ng/mL																																																																																										
Cocaine .....	300.....	375 ng/mL																																																																																										
Dihydrocodeine .....	300.....	375 ng/mL																																																																																										
$\delta$ -Monacetylmorphine ( $\delta$ -MAM).....	10.....	12.5 ng/mL																																																																																										
7-Aminofunitrazepam .....	200.....	125 ng/mL																																																																																										
Bromazepam .....	100.....	125 ng/mL																																																																																										
Oxazepam .....	100.....	125 ng/mL																																																																																										
Nordiazepam .....	100.....	125 ng/mL																																																																																										
Zolpidem .....	100.....	125 ng/mL																																																																																										
Secobarbital .....	150.....	187.5 ng/mL																																																																																										
THC COOH (11-Nor- $\Delta^9$ THC carboxylic acid) .....	15.....	18.75 ng/mL																																																																																										
Phencyclidine (PCP).....	25.....	31.25 ng/mL																																																																																										
LSD (Lysergic acid diethylamide) .....	1.....	1.25 ng/mL																																																																																										
Methadone .....	250.....	312.5 ng/mL																																																																																										
EDDP .....	250.....	312.5 ng/mL																																																																																										
(2-Ethyl-1,5-dimethyl-3,3-diphenyl-pyrrolidine) Methaqualone .....	300.....	375 ng/mL																																																																																										
Propoxyphene .....	300.....	375 ng/mL																																																																																										
Buprenorphine .....	5.....	6.25 ng/mL																																																																																										
Norbuprenorphine .....	5.....	6.25 ng/mL																																																																																										

Code	Product	Unit
ME 40571	Drug U-confirmation, cut-off - 25 % drugs and medicaments urine confirmation control with target values Lyophilised urine control (Medidrug U-Confirmation) prepared from human urine containing drugs and medicaments with target values. It is intended for the use as quality control to monitor the performance of urine toxicology confirmatory procedures by determination of drugs of abuse and drugs.	9 x 5 mL
Analytes		
cut off		
Amphetamine.....	200.....	150 ng/mL
d-Methamphetamine.....	200.....	150 ng/mL
MDA (3,4-Methylendioxyamphetamine).....	200.....	150 ng/mL
MDEA .....	200.....	150 ng/mL
(3,4-Methylendioxy-N-ethylamphetamine).....	200.....	150 ng/mL
MDMA ('Ecstasy').....	200.....	150 ng/mL
(3,4-Methylendioxymethamphetamine).....	200.....	150 ng/mL
MBDB.....	200.....	150 ng/mL
(N-Methyl-1-(3,4-Methylendiodiphenyl)-2-butanamine).....	150.....	112.5 ng/mL
Benzoylegonine.....	150.....	112.5 ng/mL
Egoninmethylester .....	300.....	225 ng/mL
Morphine .....	300.....	225 ng/mL
Morphin-3-β-D-glucuronide .....	300.....	225 ng/mL
Codeine.....	300.....	225 ng/mL
Dihydrocodeine .....	300.....	225 ng/mL
6-Monoacetylmorphine (6-MAM).....	10.....	7.5 ng/mL
7-Aminofunitrazepam .....	200.....	75 ng/mL
Bromazepam.....	100.....	75 ng/mL
Oxazepam.....	100.....	75 ng/mL
Nordiazepam.....	100.....	75 ng/mL
Zolpidem .....	100.....	75 ng/mL
Secobarbital .....	150.....	112.5 ng/mL
THC-COOH (11-Nor-Δ <sup>9</sup> THC carboxylic acid) ....	15.....	11.25 ng/mL
Phencyclidine (PCP).....	25.....	18.75 ng/mL
LSD (Lysergic acid diethylamide) .....	1.....	0.75 ng/mL
Methadone .....	250.....	187.5 ng/mL
EDDP .....	250.....	187.5 ng/mL
(2-Ethylen-1,5-dimethyl-3,3-diphenyl-pyrrolidine).....		
Methaqualone .....	300.....	225 ng/mL
Propoxyphene .....	300.....	225 ng/mL
Buprenorphine .....	5.....	3.75 ng/mL
Norbuprenorphine .....	5.....	3.75 ng/mL