UNITED NATIONS
Office on Drugs and Crime

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Selected Articles on the Analysis of Drugs of Abuse in Seized Material (January – July 2007)

AMPHETAMINES (AMPH)

General (GENRL)

☐ Casale, J., et al..	The characterization of 4-methoxy-N-ethylamphetamine hydrochloride. (Technical Note)	Microgram J., 4 (1-4) (2006), 42-46.

Gas Chromatography/Mass Spectrometry (GC-MS)

☐ Engblom, C., et al..	Driving under the influence of drugs–amphetamine concentrations in oral fluid and whole blood samples.	J. Anal. Toxicol., 31 (2007), 276-280.

None

☐ Edwards, N.R., et al..	Qualitative and quantitative analysis of Ionamin 30 capsules (containing a time-release formulation of phentermine) (Technical Note)	Microgram J., 4 (1-4) (2007), 66-69.
☐ Levy, R., et al..	‘‘Life expectancy’’ of "ecstasy’’ tablets in Israel in the years 2001–2003.	Forensic Sci. Int., 167 (2007), 22-29.
☐ Tsujikawa, K., et al..	Analytical profiles for 3,4,5-, 2,4,5-, and 2,4,6-trimethoxyamphetamine.	Microgram J., 4 (1-4) (2006) 12-23.

Cannabis (CANNABIS)

None

☐ Shibuya, E.A., et al..	Carbon and nitrogen stable isotopes as indicative of geographical origin of marijuana samples seized in the city of São Paulo (Brazil).	Forensic Sci. Int., 167 (2007), 8-15.

Cocaine (COCAINE)

General (GENRL)

☐ Casale, J., et al..	Four new illicit cocaine impurities from the oxidation of crude cocaine base: formation and characterization of the diastereomeric 2,3-dihydroxy-3-phenylpropionylecgonine methyl esters from cis-and trans-cinnamoylcocaine.	J. Forensic Sci., 48 (6) (2007), 860-866.
☐ Casale, J., et al..	Isolation of cis-cinnamoylcocaine from crude illicit cocaine via alumina column chromatography. (Technical Note)	Microgram J., 4 (2006), 37-41.
☐ Gostic, T., et al..	Evidence on unusual way of cocaine smuggling: Cocaine-polymethylmethacrylate (PMMA) solid solution—study of clandestine laboratory samples.	Forensic Sci. Int., 169 (2007), 210-219.

Gas Chromatography (GC)

☐ Piñero, E., et al..	Quantitation of cocaine by gas chromatography-flame ionization detection utilizing isopropylcocaine as a structurally related internal standard.	Microgram J., 4 (1-4) (2006), 47-53.

Gas Chromatography/Mass Spectrometry (GC-MS)

☐ Casale, J., et al..	Apparent effects of glyphosate on alkaloid production in coca plants grown in Colombia.	J. Forensic Sci., 52 (3) (2007), 573-578.

Drugs Not Under Int. Control (DNUC)

General (GENRL)

☐ Franckowski, R.E., et al..	Eszopiclone (Lunesta™): An analytical profile.	Microgram J., 4 (1-4) (2007), 66-69.
☐ Westphal, F., et al..	Mass spectral and NMR spectral data of two new designer drugs with an alpha aminophenone structure: 4'-Methyl-alpha-pyrrolidinobutyrophenone.	Forensic Sci. Int., 169 (2007), 32-42.

Colour tests (COLOUR)

☐ Sarwar, M.	A new, highly specific color test for ketamine (Technical Note)	Microgram J., 4, (1-4) (2006), 24-28.

Miscellaneous (MISC)

General (GENRL)

☐ Causin, V., et al..	A quantitative differentiation method for plastic bags by wide angle X-ray diffraction for tracing the source of illegal drugs.	Forensic Sci. Int., 168 (2007), 37-41.

None (NONE)

General (GENRL)

☐ Fatta, D., et al..	Analytical methods for tracing pharmaceutical residues in water and wastewater.	TrAC, 26 (6) (2007), 515-533.

Gas Chromatography (GC)

☐ Ouyang, G., et al..	Calibration of solid-phase microextraction for quantitative analysis by gas chromatography.	J. of Chrom A., 1097 (2005), 9-16.

Precursors (PREC)

High Performance Liquid Chromatography (HPLC)

☐ Eng, A.W.T., et al..	Evaluation of surfactant assisted pressurized liquid extraction for the determination of glycyrrhizin and ephedrine in medicinal plants.	Anal. Chimica Acta, 583 (2007), 289-295.

None

☐ Barker, W.D., et al..	A study of the use of ephedra in the manufacture of methamphetamine.	Forensic Sci. Int., 166 (2007), 102-109.