



Literature Request Form

Publications

LRF2005

GAMMA-HYDROXYBUTYRATE (GHB)

G1). Analysis of Gamma-Hydroxybutrate (GHB) in Urine by Gas Chromatography-Mass Spectrometry.

Δ^9 - TETRAHYDROCANNABINOL (THC)

- T1).** Simultaneous Determination of Δ^9 - Tetrahydrocannabinol and 11-nor-9-Carboxy- Δ^9 - Tetrahydrocannabinol in Human Plasma by Solid-Phase Extraction and Gas Chromatography-Negative Ion Chemical Ionization-Mass Spectrometry.
- T3).** Simultaneous Analysis of Δ^9 - THC and its Major Metabolites in Urine, Plasma, and Meconium by GC-MS Using an Immunoaffinity Extraction Procedure.
- T4).** Consumption and Quantitation of Δ^9 - Tetrahydrocannabinol in Commercially Available Hemp Seed Oil Products.
- T5).** Evaluation of Reduced Solvent Volume Solid-Phase Extraction Cartridges with Analysis by Gas Chromatography-Mass Spectrometry for Determination of 11-nor-9-Carboxy-D⁹-THC in Urine.
- T6).** Solid-Phase Extraction and GC-MS Analysis of THC-COOH Method Optimized for a High-Throughput.

COCAINE AND OPIATES / OPIOIDS

- CO1).** Measurement of Heroin and its Metabolites by Isotope-Dilution Electron-Impact Mass Spectrometry.
- CO2).** Atypical Urinary Opiate Excretion Pattern.
- CO3).** Quantitative Conversion of Morphine 3- β -D Glucuronide to Morphine Using β -Glucuronidase Obtained from *Patella Vulgata* as Compared to Acid Hydrolysis.
- CO4).** Quantitation of Benzoylnorecgonine and Other Cocaine Metabolites in Meconium by HPLC.
- CO6).** Simultaneous Determination of Acetylcodeine, Monoacetylmorphine, and Other Opiates in Urine by GC-MS.
- CO7).** Reliability of Solid Phase Extraction System for the Analysis of Benzoylecgonine in Urine.

- CO8).** Simultaneous Quantification of Opioids in Blood by GC-EI-MS Analysis Following Deproteination, Detautomerization of Keto Analytes, Solid Phase Extraction, and Silylated Derivatization.
- CO9).** Comparison of Heroin and Cocaine Concentrations in Saliva with Concentrations in Blood and Plasma.
- CO10).** Cocaine and Metabolite Excretion in Saliva under Stimulated and Nonstimulated Conditions
- CO11).** Cocaine Contamination of United States Paper Currency.
- CO12).** The Effects of Collection Methods On Oral Fluid Codeine Concentrations.
- CO13).** Cocaine Disposition in Meconium from Newborns of Cocaine Abusing Mothers and Urine of Adult Drug Users.
- CO14).** Cocaine Excretion in the Semen of Drug Users.
- CO15).** Analysis of Cocaine and Its Metabolites from Biological Specimens Using SPE and Positive Ion Chemical Ionization Mass Spectrometry.
- CO18).** Elimination of Cocaine and Metabolites in Plasma, Saliva, and Urine Following Repeated Oral Administration to Human Volunteers.
- CO19).** Cocaine and Metabolite Eliminations Patterns in Chronic Cocaine User During Cessation: Plasma and Saliva Analysis.
- CO21).** Detection of Cocaine and Its Metabolites in Amniotic Fluid and Umbilical Cord Tissue.
- CO22).** Passive Inhalation of Cocaine.
- CO23).** Pharmacokinetics and Pharmacodynamics of Cocaine.
- CO24).** Determination of Cocaine and Its Major Metabolite, Benzoylcegonine, in Amniotic Fluid, Umbilical Cord Blood, Umbilical Cord Tissue, and Neonatal Urine: A Case Study.
- CO25).** Determination of Cocaine and Its Metabolites in Brain Tissue Using High-Flow SPE Columns and HPLC.
- CO26).** Rapid Assay of Cocaine, Opiates and Metabolites by Gas Chromatography/Mass Spectrometry.
- CO27).** Sweat Testing for Heroin, Cocaine and Metabolites.
- CO28).** Simultaneous Identification and Quantitation of Codeine, Morphine, Hydrocodone, and Hydromorphone in Urine as Trimethylsilyl and Oxime Derivatives by Gas Chromatography-Mass Spectrometry.
- CO29).** Drug Testing with Alternative Matrices I. Pharmacological Effects and Disposition of Cocaine and Codeine in Plasma, Sebum, and Stratum Corneum.
- CO30).** Testing Human Hair for Drugs of Abuse. II. Identification of Unique Cocaine Metabolites in Hair of Drug Abusers and Evaluation of Decontamination Procedures.

- CO31).** Simultaneous Assay of Cocaine, Heroin, and Metabolites in Hair, Plasma, Saliva, and Urine by GC-MS.
- CO32).** Quantitation of Cocaine, Benzoyllecgonine, Cocaethylene, Methylecgonine, and Norcocaine in Human Hair by Positive Ion Chemical Ionization (PCI) Gas Chromatography-Tandem Mass Spectrometry.
- CO34).** Confirmation and Quantitation of Cocaine, Benzoyllecgonine, Ecgonine Methyl Ester, and Cocaethylene by GC/MS.
- CO35).** Simultaneous Measurements of Cocaine, Cocaethylene, their Metabolites and "Crack" Pyrolysis by GC/MS.
- CO36)** One Step Esterification of Benzoyllecgonine with Dimethylformamide-Dipropylacetal or Dimethylform amide-Diisopropylacetal in the Presence of Pyridine.

PCP

- PC1).** Solid Phase Extraction of Phencyclidine from Urine
- PC2).** Certification of Phencyclidine in Lyophilized Human Urine Reference Materials

IN-HOUSE PUBLICATIONS

- UC1).** Applications Manual (SPE).
- UC2).** Alkylation of Drugs at Ion Exchange Sites on the Surface of Solid Phase Extraction Columns.
- UC3).** Automated SPE Method for Thebaine, 6-Acetylmorphine and other Opiates in Urine.
- UC4).** Benzodiazepines in Urine for GC or GC/MS Confirmation of Targeted Drugs in Full Scan and Selected-Ion Monitoring Modes.
- UC5).** Bonded-Phase Extraction of Fentanyl in Biological Fluids.
- UC6).** A SPE Procedure for the Separation of Benzodiazepines from Tricyclic Antidepressants.
- UC7).** A Comparative Study of the Extraction Capabilities of Various Substituted Silicas Used in SPE.
- UC8).** Copolymeric Bonded Phase Extraction of Compounds from Biological Matrices.
- UC9).** Detection of Drugs of Abuse in Nails.
- UC10).** Determination of THC and its Metabolite (THCA) in Whole Blood.

MISCELLANEOUS

- M1).** Automated HPLC Assay of Fluoxetine and Norfluoxetine in Serum.
- M2).** A Study of Lot-to-Lot Reproducibilities of Bond Elut Certify and Clean Screen ® DAU Mixed-Mode SPE Columns in the Extraction of Drugs from Whole Blood.
- M3).** Postmortem Tissue Samples: An Alternative to Urine and Blood for Drug Analysis in Race horses.
- M4).** High Performance Liquid Chromatography of Alprazolam in Postmortem Blood Using SPE.
- M5).** The Analysis of Methadone in Nail Clippings from Patients in a Methadone-Maintenance Program.
- M6).** Detection of Stanozolol in Hair by Negative Ion Chemical Ionization Mass Spectrometry
- M7).** Solid Phase Extraction of Abused Drugs from Urine.
- M9).** Solid Phase Extraction Techniques for the Determination of Glycopyrrolate from Equine Urine by Liquid.
- M10).** Confirmation of Benzodiazepines in Urine as Trimethylsilyl Derivatives Using GC/MS
- M11).** Copolymeric Solid Phase Extraction for Quantitating Drugs of Abuse in Urine by Wide-Bore Capillary GC.
- M12).** Determination of Nalbuphine in Drug Abusers' Urine.
- M13).** Assessment of the Ion-Trap Mass Spectrometer for Routine Qualitative and Quantitative Analysis of Drugs of Abuse Extracted from Urine.
- M15).** Semi-Automated Solid Phase Extraction Procedure for Drug Screening in Biological Fluids Using the Aspec System in Combination with Clean Screen® DAU Columns.
- M16).** Separation of Acidic and Neutral Lipids by Aminopropyl-Bonded Silica Gel Column Chromatography.
- M17).** Simultaneous Assay of Buprenorphine and Norbuprenorphine by Negative Chemical Ionization Tandem Mass Spectrometry.
- M18).** Practical Approach to Determination of Laboratory GC-MS Limits of Detection.
- M19).** GC-MS Determination of Heroin Metabolites in Meconium: Evaluation of Solid-Phase Extraction Cartridge.
- M20)** Characterization of Drug Interferences Caused by Coelution of Substances in GC/MS Confirmation of Targeted Drugs in Full-Scan and Selected-Ion Monitoring Modes.
- M21)** Determination of Gabapentin in Serum Using Solid Phase Extraction and Gas Liquid Chromatography.
- M22).** Determination of Sertraline and Desmethylsertraline in Human Serum Using Copolymeric BPE, LC and GC.
- M23).** Human Pharmacokinetics of Intravenous, Sublingual and Buccal Buprenorphine.
- M24).** An Improved SPE Extraction and Automated Sample Cleanup Method for Serum PCDDs, PCDFs, and Coplanar PCBs.
- M25).** LOD/LOQ: Comparison of the Empirical and the Statistical Methods Exemplified with GC/MS Assays of Abused Drugs.
- M27).** Determination of Amphetamine and Its Methamphetamine in a Lyophilized Human Urine Reference Material.

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GAMMA-HYDROXYBUTYRATE (GHB)

G1 

Δ⁹-TETRAHYDROCANNABINOL (THC)

T1 

T3 

T4 

T5 

T6 

COCAINE AND OPIATES / OPIOIDS

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PCP

PC1 

PC2 

IN-HOUSE PUBLICATIONS

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MISCELLANEOUS

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M5  M19 

M6  M20 

M7  M21 

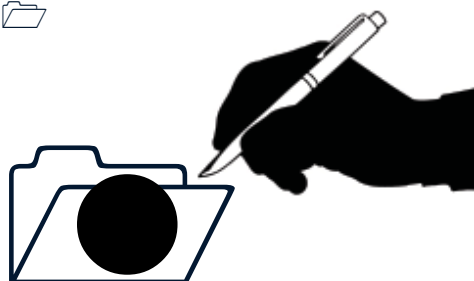
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M12  M25 

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NAME _____ Titel _____

Firma/Uni _____ Abteilung/Institut _____

Adresse _____

PLZ/Stadt _____ Land _____

Tel: _____ FAX _____

Please Mail / Fax / E-mail to:

amchro GmbH. • Schulstr. 48 • 65795 Hattersheim
Tel: +49-(0)6190-978 117 • FAX: +49-(0)6190-978 117
E-mail: info@amchro.de