

Solid Phase Extraction APPLICATIONS MANUAL

TABLE OF CONTENTS

Solvents, Solvents Mixtures and Use of Non-chlorinated Solvents	3
Reagents	4
How to Prepare Solutions and Buffers	5-6
Extraction Hints.....	7

Drug Testing Applications

Amphetamines In Urine	8
Anabolic Steroids in Urine	9-10
Barbiturates In Urine	11
Barbiturates In Urine (Reduced Solvent Volume).....	12
Basic Drugs for HPLC Analysis.....	13
Benzodiazepines In Urine	14-15
Benzodiazepines In Serum or Plasma	16
Benzodiazepines (CLEAN-UP®)	17
Beta Blockers In Urine	18
Beta Agonists In Urine	19
Carboxy THC In Urine	20
Carboxy THC In Urine (Reduced Solvent Volume)	21
Carisoprodol and Meprobamate For GC Or GC/GC/MS	22
Clonazepam & 7-Aminoclonazepam In Urine	23
Cocaine and Benzoyllecgonine In Urine	24
Cocaine and Benzoyllecgonine In Serum, Plasma Or Whole Blood For GC Or GC/MS	25
Cocaine and Benzoyllecgonine In Serum, Plasma Or Whole Blood For HPLC	26
Cocaine and Its Metabolites From Meconium For GC Or GC/MS	27
DHEA, Testosterone and Epitestosterone In Urine	28
Fentanyl and Analogues In Urine	29
Flunitrazepam and Metabolites In Urine	30-31
Gabapentin In Serum, Plasma Or Whole Blood	32
Gamma-Hydroxybutyrate (GHB) In Urine Without Conversion To Gamma-Butyrolactone (GBL)	33
Gamma-Hydroxybutyrate (GHB) In Blood Procedure	34
Gamma-Hydroxybutyrate (GHB) In Blood, Urine, Vitreous Or Tissue Without Conversion To Gamma-Butyrolactone (GHL)	35-36

Drug Testing Applications (Continue)

Glycopyrrolate (ROBINUL) From Equine Urine	37
Ketamine in Urine	38
Lysergic Acid Diethylamide (LSD) In Serum, Plasma Or Whole Blood	39
Lysergic Acid Diethylamide (LSD) In Urine	40
Manual Method For Immunoassay	41
Methaqualone In Urine	42
Methadone In Urine	43
Methylmalonic Acid in Serum Or Plasma	44
Nicotine And Cotinine In Urine Or Serum	45
Opiates In Urine - Oxime TMS Procedure For GC Or GC/MS	46-47
Opiates In Human Urine - Propyl Derivatives For GC Or GC/MS	48-49
Opiates (Free) In Serum, Plasma Or Whole Blood	50
Phencyclidine In Urine	51
Propoxyphene In Urine For GC Or GC/MS	52
Psilocin In Urine For GC Or GC/MS	53-54
Sertraline And Desmethylsertraline In Serum, Plasma Or Whole Blood	55
THC And Carboxy THC In Whole Blood For GC/MS	56-57
Therapeutic And Abused Drugs (Acid/Neutral/Basic) In Urine, Serum, Plasma Or Whole Blood	58-60
CLEAN SCREEN® DAU Forensic Applications	60
Tricyclic Antidepressants In Serum and Plasma For HPLC	61-62

Environmental Applications

4'4-Methylenedianiline in Serum	63
Chlorophenoxy Acid Herbicides in Water	64
Pesticides in Water	65
Polychlorinated Biphenyls in Pond Water	66
Polynuclear Aromatic Hydrocarbons in Pond Water	67

Miscellaneous

Abused Drugs in Canine or Equine Urine	68
Extraction of Tear Gas	69