

**Appendix 1: Definitions for Abbreviations**

<b>Abbreviation</b>	<b>Definition</b>
AAFS	American Academy of Forensic Sciences
AcN	Acetonitrile
ALPZ	Alprazolam
AMD or AM	Analytical Method
AMP or AMPH	Amphetamine
AN or A/N	Acid Neutral (extraction)
APCI	Atmospheric Pressure Chemical Ionization
BAN	Basic, Acidic, Neutral (extraction)
BARB	Barbiturates (class)
BECG OR BE	Benzoylcegonine (metabolite of cocaine)
BENZ, BENZO or BENZOS	Benzodiazepines (class)
BN or B/N	Base Neutral (extraction)
BSTFA	N,O-Bis (Trimethylsilyl)trifluoroacetamide
BR	Bio Rad
CANN	Cannabinoids (class)
C-THC, THC-COOH or Carboxy-THC	11-nor- $\Delta^9$ -THC-9-COOH (metabolite of marijuana)
COA	Certificate of Analysis
CIA	Consumed in Analysis
CO	Cut-off
CHCl <sub>3</sub>	Chloroform
COC or COCN	Cocaine
COD	Codeine
CTRL	Control
DIAZ	Diazepam
DEP	Depressed
DER	Derivative/Derivatize
DPH	Diphenhydramine
DFE	Difluoroethane
DOA	Drugs of Abuse
ESI	Electrospray Ionization
EIA	Enzyme Immunoassay
EIC	Extracted Ion Chromatogram
ELEV	Elevated
ELISA	Enzyme-Linked Immunosorbent Assay
EME	Ecgonine methyl ester (metabolite of cocaine)
EPHED	Ephedrine
EMIT	Enzyme Multiplied Immunoassay Technique

## Toxicology Abbreviations

EtOH	Ethanol
EtOAc	Ethyl Acetate
EXT or e	Extract/Extraction
FID	Flame Ionization Detector
FTIR	Fourier Transform Infrared Spectroscopy
GC	Gas Chromatograph / Gas Chromatography
GLUC	Glucuronidase
HS	Headspace
HYDROL/ HYD	Hydrolysis
HYCOD/HYDRO	Hydrocodone
ID (column)	Inner Diameter
INC	Inconclusive
IND	Indeterminate
ISTD or IS	Internal Standard
LOD	Limit of Detection
LOR	Lorazepam
LOQ	Limit of Quantitation
LC	Liquid Chromatography
L-L or LLE	Liquid-Liquid or Liquid-Liquid Extraction
-M	Metabolite
MAM or 6-AM	Monoacetylmorphine or 6-Acetylmorphine
MDN, MD	Methadone
MEOH	Methanol
METH	Methamphetamine
MJ or MH	Marijuana
MIN	Minimum
MORPH, MOR	Morphine
MS	Mass Spectrometry
MSD	Mass Selective Detector
MSTFA	N-methyl-N-trimethylsilyl-trifluoroacetamide
M+	Molecular Ion
MRM	Multiple Reaction Monitoring
NA	Narcotic Analgesic
NC	Negative control
NCMJ	Negative control for Carboxy THC
NEG or – or $\phi$	Negative
NDT	N-Desmethyltramadol (Tramadol metabolite)
NRDZ ,NOR or NORD	Nordiazepam
ND	None Detected
NL	None Listed
NSA	Not Suitable for Analysis
ODT	O-Desmethyltramadol (Tramadol metabolite)

## Toxicology Abbreviations

OP	Opiates (class)
OTC	Over-the-counter
OX	Oxazepam
OXYCOD/OXY	Oxycodone
PC	Positive control
PCMJ	Positive control for carboxy THC
PFPA	Pentafluoropropionic anhydride
PSEPHED/PSEUDO PEPHED	Pseudoephedrine
PM	Preventative Maintenance
PMW	Pfleger, Maurer and Weber Library
PO	Probation Officer
POS or +	Positive
QUAL	Qualitative
QUANT	Quantitative
QS	Quantum Satis
Rf	Retention Factor
RM	Reference Material
RRT	Relative Retention Time
Rt or RT	Retention Time
Rx	Prescription
SIM	Selected Ion Monitoring
SB	Strong Base
SOFT	Society of Forensic Toxicologists
SOP	Standard Operating Procedure
TEM	Temazepam
TFE	Tetrafluoroethane
TIC	Total Ion Chromatogram
TLC	Thin Layer Chromatography
TMS	Trimethylsilyl group (What is added by a Silylation Reagent)
TMCS	Trimethylchlorosilane
WAN	Weak Acid/Neutrals
WBN	Weak Base/Neutrals
WS	Working Solution