

Urine Drug Confirmation Cutoffs

Drug Class Drug/metabolites Identified	CUT-OFF	Confirmation Method
Amphetamines		
d-amphetamine	500 ng/ml	GC/MS
Methamphetamine		
Barbiturates		
Amobarbital	200 ng/ml	GC/MS
Butalbital		
Pentobarbital		
Phenobarbital		
Secobarbital		
Benzodiazepines		
α Hydroxyalprazolam	100 ng/ml	LC/MS/MS
α Hydroxytriazolam		
Hydroxymidazolam		
2-Hydroxyethylflurazepam		
7-Aminoflunitrazepam		
7-Aminoclonazepam		
7-Aminonitrazepam		
Lorazepam		
Nordiazepam		
Oxazepam		
Temazepam		
Buprenorphine		
Buprenorphine	5 ng/ml	LC/MS/MS
Norbuprenorphine		
Cannabinoids (Marijuana)		
Carboxy-THC	15 ng/ml	GC/MS

Cocaine		
Benzoylcegonine	150 ng/ml	GC/MS
Dextromethorphan		
Dextromethorphan	100 ng/ml	LC/MS/MS
Dextrorphan		
EtG/EtS (Ethanol Biomarkers)		
Ethyl Glucuronide	100 ng/ml	LC/MS/MS
Ethyl Sulfate	25 ng/ml	
Fentanyl		
Fentanyl	100 pg/ml	LC/MS/MS
Norfentanyl		
Alfentanyl		
Methadone		
Methadone	300 ng/ml	GC/MS
EDDP		
MDMA (Ecstasy)		
MDA	500 ng/ml	GC/MS
MDMA		
MDEA		
Opiates		
Codeine	300 ng/ml	GC/MS
Hydrocodone		
Hydromorphone		
Morphine		
OTC Amphetamines		
Ephedrine	500 ng/ml	LC/MS/MS
Pseudoephedrine		
Phentermine		
Phenylephrine		
Oxycodone		
Oxycodone	100 ng/ml	LC/MS/MS
Oxymorphone		
Phencyclidine (PCP)		
Phencyclidine	25 ng/ml	GC/MS

Ritalin		
Methylphenidate	100 ng/ml	LC/MS/MS
Ritalic Acid		
Sleep Aides (Z-Drugs)		
N-desmethylzopiclone	100 ng/ml	LC/MS/MS
Zaleplon (Sonata & Revia)		
Zolpidem (Ambien)		
Zopiclone (Lunesta)		
Zopiclone-N-Oxide		
Zolpidem carboxylic acid		
Synthetic Cannabinoids		
AM2201 2-hydroxyindole	1 ng/ml	LC/MS/MS
JWH-018 4-Hydroxypentyl		
JWH-018 5-hydroxyindole		
JWH-018 N-(5-hydroxypentyl)		
JWH-018 N-pentanoic acid		
JWH-073 3-Hydroxybutyl		
JWH-073 4-hydroxyindole		
JWH-073 N-(4-hydroxybutyl)		
JWH-073 N-butanoic acid		
JWH-122 N-(5-hydroxypentyl)		
JWH-200 6-hydroxyindole		
JWH-250 5-hydroxyindole		
JWH-250 N-(5-carboxypentyl)		
JWH-398 N-(5-hydroxypentyl)		
JWH-398 N-pentanoic acid		
RCS-4 N-(5-carboxypentyl)		
RCS-4 N-(5-hydroxypentyl)		
MAM2201 N-pentanoic acid		
MAM2201 N-pentanoic acid		
MAM2201 N-pentanoic acid		
(±)-UR-144 N-(4-hydroxypentyl)		
UR-144 N-(2-hydroxypentyl)		
UR-144 N-(5-hydroxypentyl)		
UR-144 N-pentanoic acid		
XLR11 N-(4-hydroxypentyl)		
Synthetic Cathinones (Bath Salts)		
Methylone	25 ng/ml	LC/MS/MS
Normephedrone		
Mephedrone		

MDPV

Tramadol

Tramadol

200 ng/ml

GC/MS