



FORENSIC LABORATORY DIVISION

**DUID SCOPE AND REPORTING LIMITS 2022**

If applicable, when quantitative results are reported, the respective analytical protocol is listed first.  
When Uncertainty of Measurement is provided, it is at the coverage probability of 99.73%.

**GCET by HS-GC-FID**

Component (Volatiles)	Blood, Urine, Vitreous Humor
Ethanol	0.01 % (w/v)
Methanol	10 mg/dL
Acetone	10 mg/dL
Isopropanol	10 mg/dL

**LCQB by LC-MS/MS [ng/mL]**

Component	Blood	Urine	Component	Blood	Urine
<b>Amphetamines</b>			Oxazepam	10	10
Methamphetamine	10	50	Diclozepam	1	2.5
Amphetamine	10	50	Flubromazolam	0.5	1
Ephedrine/Pseudoephedrine	2.5	10	Nitrazepam	1	2.5
Norephedrine/Norpseudoephedrine	2.5	10	7-Amino Nitrazepam	1	5
3,4-Methylenedioxyamphetamine (MDA)	2.5	10	Flunitrazepam	0.5	1
3,4-Methylenedioxymethamphetamine (MDMA)	2.5	10	7-Amino Flunitrazepam	1	2.5
Phencyclidine (PCP)	1	10	Flurazepam	1	1
Methylphenidate	1	2.5	Lorazepam	5	10
Mazindol	1	10	Lormetazepam	1	2.5
Phenmetrazine	5	25	Midazolam	1	1
Phentermine	25	50	alpha-Hydroxy Midazolam	1	1
<b>Anesthetic</b>			Desalkyl Flurazepam	1	1
Lidocaine	5	5	N-Desmethyl Flunitrazepam	1	2.5
<b>Anticonvulsants</b>			Nimetazepam	1	1
Gabapentin	10	100	Phenazepam	2.5	5
Lamotrigine	10	10	Prazepam	0.5	1
Pregabalin	100	250	Pyrazolam	2.5	5
<b>Antihistamines</b>			Triazolam	0.5	5
Benzotropine	1	1	alpha-Hydroxy Triazolam	2.5	5
Chlorpheniramine	5	25	Zolazepam	0.5	1
Diphenhydramine	1	1	Clobazam	5	5
Doxylamine	2.5	5	<b>Cannabinoids</b>		
Hydroxyzine	1	2.5	Tetrahydrocannabinol (THC)	1	2.5
Promethazine	0.5	1	11-Hydroxy THC	1	2.5
<b>Barbiturates</b>			Carboxy THC	2.5	5
Amobarbital/Pentobarbital	10	25	Cannabidiol (CBD)	1	2.5
Aprobarbital	10	10	Cannabidiolic Acid (CBDA)	1	1
Barbital	10	25	Cannabidivarin (CBDV)	5	5
Butabarbital	10	25	Cannabigerol (CBG)	1	2.5
Butalbital/Talbutal	10	10	Cannabigerolic Acid (CBGA)	1	1
Hexobarbital	500	5,000	Cannabinol (CBN)	1	2.5
Mephobarbital	500	2,500	Tetrahydrocannabinol Acid (THCA)	1	1
Phenobarbital	10	25	Tetrahydrocannabivarin (THCV)	1	5
Secobarbital	10	25	Tetrahydrocannabivarinic Acid (THCVA)	1	1
Thiopental	10	25	<b>Cocaine and Metabolites</b>		
<b>Benzodiazepines</b>			Cocaine	1	2.5
Etizolam	0.5	1	Norcocaine	2.5	5
Flualprazolam	0.5	1	Cocaethylene	1	2.5
Bromazepam	2.5	5	Benzoylcegonine	10	10
Flubromazepam	1	1	Anhydrocegonine Methyl Ester	5	25
Clonazolam	Monitored only		meta-/para-Hydroxy Cocaine	1	1
Estazolam	Monitored only		<b>Dissociatives</b>		
Alprazolam	1	1	Ketamine	5	10
alpha-Hydroxy Alprazolam	1	2.5	Norketamine	1	10
Clonazepam	2.5	5	Deschloroketamine	2.5	2.5
7-Amino Clonazepam	1	2.5	<b>Hallucinogens</b>		
Clotiazepam	1	1	Psilocin	1	5
Delorazepam	2.5	5	Psilocybin	2.5	50
Chlordiazepoxide	1	10	<b>Miscellaneous</b>		
Diazepam	1	1	gamma-Hydroxybutyric Acid (GHB) <sup>a</sup>	5,000	10,000
Nordiazepam	1	1	Mitragynine	2.5	5
Temazepam	1	5	Suvorexant	0.5	1



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Component	Blood	Urine	Component	Blood	Urine
<b>Muscle Relaxants</b>			Norhydrocodone	1	10
Carisoprodol	25	25	Hydromorphone	1	5
Meprobamate	50	100	Nalbuphine	1	5
<b>Opioids</b>			Naloxone	1	5
Fentanyl	0.1	1	Naltrexone	1	5
Acetyl Fentanyl	0.1	1	O-Desmethyl-Tramadol	1	5
Norfentanyl	0.25	1	Oxycodone	2.5	5
6-Monoacetylmorphine (6-MAM)	0.25	2.5	Noroxycodone	1	10
Morphine	1	5	Oxymorphone	1	10
Codeine	1	5	Noroxymorphone	5	50
Dihydrocodeine	1	5	Tapentadol	5	10
Norcodeine	5	5	Tramadol	1	10
Buprenorphine	0.5	1	<b>Z Drugs</b>		
Norbuprenorphine	1	5	Zaleplon	0.5	1
Dextromethorphan/Levomethorphan	0.5	5	Zolpidem	0.75	1
Dextrorphan/Levorphanol	0.5	1	Zolpidem Phenyl-4-Carboxylic Acid	0.5	1
Methadone	1	1	Zopiclone/Eszopiclone	1	10
EDDP (Methadone Metabolite)	5	10	Zopiclone-N-oxide	N/A	10
Hydrocodone	1	5			

<sup>a</sup>In postmortem casework, GHB is reported when results are greater than 50,000.

**LCCI by LC-MS/MS [ng/mL]**

Component	Blood
delta-9 Tetrahydrocannabinol (delta-9 THC)	0.5
delta-8 Tetrahydrocannabinol (delta-8 THC)	1
(6aR,9R) delta-10 THC	1
9(R/S)-delta-6a,10a THC / (6aR,9S)-delta-10 THC	1
delta-9 Carboxy THC	1.25
delta-8 Carboxy THC	2.5
Cannabichromene (CBC)	1