

**DUID SCOPE AND REPORTING LIMITS 2023**

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-17 by HS-GC-FID

The forensic alcohol analysis was performed by a qualified forensic alcohol analyst(s) pursuant to Title 17 of the California Code of Regulations. The equipment used was in proper working order at the time the analysis was performed, the recording of the forensic alcohol analysis was done at the time of the analysis, and the transfer of the data for reporting purposes was performed electronically in accordance with the laboratory's policies and procedures.

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

LCQB-BL and LCQB-UR by LC-MS/MS [ng/mL]

Component	BL	UR	Component	BL	UR
Amphetamines			Alprazolam	1	1
Methamphetamine	10	50	alpha-Hydroxy Alprazolam	1	2.5
Amphetamine	10	50	Clonazepam	2.5	5
Ephedrine / Pseudoephedrine	2.5	10	7-Amino Clonazepam	1	2.5
Norephedrine / Norpseudoephedrine	2.5	10	Clotiazepam	1	1
3,4-Methylenedioxyamphetamine (MDA)	2.5	10	Delorazepam	2.5	5
3,4-Methylenedioxymethamphetamine (MDMA)	2.5	10	Chlordiazepoxide	1	10
Methylphenidate	1	2.5	Diazepam	1	1
Mazindol	1	10	Nordiazepam	1	1
Phenmetrazine	5	25	Temazepam	1	5
Phentermine	25	50	Oxazepam	10	10
Anesthetic			Diclazepam	1	2.5
Lidocaine	5	5	Nitrazepam	1	2.5
Anticonvulsants			7-Amino Nitrazepam	1	5
Gabapentin	10	100	Flunitrazepam	0.5	1
Lamotrigine	10	10	7-Amino Flunitrazepam	1	2.5
Pregabalin	100	250	Flurazepam	1	1
Antihistamines			Lorazepam	5	10
Benzotropine	1	1	Lormetazepam	1	2.5
Chlorpheniramine	5	25	Midazolam	1	1
Diphenhydramine	1	1	alpha-Hydroxy Midazolam	1	1
Doxylamine	2.5	5	Desalkyl Flurazepam	1	1
Hydroxyzine	1	2.5	N-Desmethyl Flunitrazepam	1	2.5
Promethazine	0.5	1	Nimetazepam	1	1
Barbiturates			Phenazepam	2.5	5
Amobarbital / Pentobarbital	10	25	Prazepam	0.5	1
Aprobarbital	10	10	Pyrazolam	2.5	5
Barbital	10	25	Triazolam	0.5	5
Butobarbital	10	25	alpha-Hydroxy Triazolam	2.5	5
Butalbital / Talbutal	10	10	Clobazam	5	5
Hexobarbital	500	5,000	Cannabinoids		
Mephobarbital	500	2,500	Tetrahydrocannabinol (THC)	1	2.5
Phenobarbital	10	25	11-Hydroxy THC	1	2.5
Secobarbital	10	25	Carboxy THC	2.5	5
Thiopental	10	25	Tetrahydrocannabinol Acid (THCA)	1	1
Benzodiazepines			Tetrahydrocannabivarin (THCV)	1	5
8-Amino Clonazepam [∞]	0.25	0.75	Tetrahydrocannabivarinic Acid (THCVA)	1	1
Bromazepam	2.5	5	Cannabidiol (CBD)	1	2.5
Bromazolam [∞]	0.5	0.5	Cannabidiolic Acid (CBDA)	1	1
Clonazepam [∞]	1	2.5	Cannabidivarin (CBDV)	5	5
Desalkyl Gidazepam [∞]	1	1	Cannabigerol (CBG)	1	2.5
Deschloro Etizolam / 4'-Chloro Deschloro Alprazolam [∞]	0.25	0.25	Cannabigerolic Acid (CBGA)	1	1
Estazolam [∞]	1	1	Cannabinol (CBN)	1	2.5
Etizolam	0.5	1	Cathinones		
Flualprazolam	0.5	1	3,4-Methylenedioxy alpha-	0.1	0.25
Flubromazepam	1	1	Pyrrolidinohexanophenone (3,4-MDPPH) / N-		
Flubromazolam	0.5	1	Cyclohexyl N-Methyl Methylone / N-Cyclohexyl		
Fluclozepam [∞]	0.25	0.5	Butylone [∞]		
Meclonazepam [∞]	1	1	alpha-PHP [∞]	0.1	0.5
Metizolam [∞]	0.5	0.5	Eutylone [∞]	0.25	2.5
Zolazepam	0.5	1	Mephedrone [∞]	0.75	1
			N-Propyl Butylone / N,N-Dimethyl Pentylone [∞]	0.25	0.5



FORENSIC LABORATORY DIVISION

Component	BL	UR	Component	BL	UR
Pentylone [∞]	0.25	0.5	Fentanyl	0.1	1
Cocaine and Metabolites			Acetyl Fentanyl	0.1	1
Cocaine	1	2.5	Norfentanyl	0.25	1
Norcocaine	2.5	5	6-Monoacetylmorphine (6-MAM)	0.25	2.5
meta-Hydroxy Cocaine / para-Hydroxy Cocaine	1	1	Morphine	1	5
Cocaethylene	1	2.5	Codeine	1	5
Benzoylcegonine	10	10	Dihydrocodeine	1	5
Anhydroecgonine Methyl Ester	5	25	Norcodeine	5	5
Dissociatives			Hydrocodone	1	5
Phencyclidine (PCP)	1	10	Norhydrocodone	1	10
3-Chloro PCP [∞]	0.1	0.25	Hydromorphone	1	5
3-Hydroxy PCP [∞]	0.25	0.5	Buprenorphine	0.5	1
3-Methoxy PCP / 4-Methoxy PCP [∞]	0.1	1	Norbuprenorphine	1	5
Ketamine	5	10	Dextromethorphan / Levomethorphan	0.5	5
Norketamine	1	10	Dextrorphan / Levorphanol	0.5	1
Deschloroketamine	2.5	2.5	Methadone	1	1
2-Fluoro Deschloro Ketamine [∞]	2.5	2.5	EDDP (Methadone Metabolite)	5	10
gamma-Hydroxybutyric Acid (GHB)*	5,000	10,000	Nalbuphine	1	5
Hallucinogens			Naloxone	1	5
Psilocin	1	5	Naltrexone	1	5
Psilocybin	2.5	50	Oxycodone	2.5	5
Lysergic Acid Diethylamide (LSD)	0.1	0.1	Noroxycodone	1	10
5-Methoxy DMT	0.5	0.5	Oxymorphone	1	10
N,N-Dimethyltryptamine (DMT)	0.5	0.5	Noroxymorphone	5	50
Miscellaneous			Tapentadol	5	10
Mitragynine	2.5	5	Tramadol	1	10
Suvorexant	0.5	1	O-Desmethyl-Tramadol	1	5
Xylazine [∞]	0.25	0.75	Z Drugs		
Muscle Relaxants			Zaleplon	0.5	1
Carisoprodol	25	25	Zolpidem	0.75	1
Meprobamate	50	100	Zolpidem Phenyl-4-Carboxylic Acid	0.5	1
Opioids			Zopiclone / Eszopiclone	1	10
			Zopiclone-N-oxide	N/A	10

* In postmortem casework, GHB is reported when results are greater than 50,000 ng/mL.

[∞] Component validation not completed.

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

Component	BL
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