

PAIN Method Cutoff/ULOL Values					
Analyte	Cutoff	Upper Limit Linearity (ULOL)	Analyte	Cutoff	Upper Limit Linearity (ULOL)
6-MAM	10	2000	Norbuprenorphine	10	2000
7-Aminoclonazepam	50	5000	Norcodeine	500	3500
a-Hydroxyalprazolam	50	5000	Nordiazepam	50	10000
Alprazolam	50	2000	Norfentanyl	3**	2000
Amitriptyline	50	2500	Norfluoxetine	50	1000
Amphetamine	50	10000	Norhydrocodone	50	10000
Aripiprazole*	50	5000	Normeperidine	50	10000
Benzoylcegonine	50	1250	Noroxycodone	50	10000
Buprenorphine	5	1000	N-Desmethylnaltrexone	100	1000
Bupropion*	50	1000	Nortriptyline	50	1000
Buspirone	50	500	O-Desmethyltramadol	100	2000
Butalbital	100	20000	O-Desmethylvenlafaxine	50	2000
Carisoprodol	50	1000	Oxazepam	50	3500
Citalopram	50	1000	Oxycodone	50	3500
Clonazepam	50	10000	Oxymorphone	50	10000
Clozapine	50	5000	Paroxetine	50	1000
Codeine	1000	2000	Phenobarbital	100	20000
Cyclobenzaprine	50	1000	Phentermine	50	10000
Desalkylflurazepam	50	5000	Pregabalin	500	40000
Desipramine	50	2000	Quetiapine	50	1000
Dihydrocodeine	50	10000	Risperidone	50	1000
Diazepam	50	3500	Ritalinic Acid	50	10000
Doxepin	50	10000	Sertraline	50	1500
Duloxetine	50	1000	Tapentadol	100	20000
EDDP	50	1000	Temazepam	50	7500
Fentanyl	1	350	Tramadol	100	1000
Flunitrazepam	50	7500	Trazodone	50	1000
Fluoxetine	50	1250	Venlafaxine	50	1500
Gabapentin	500	40000	Ziprasidone	50	1000
Haloperidol	50	5000	Zolpidem-COOH	50	1250
Hydrocodone	50	3500			
Hydromorphone	50	10000	EtG	500	10000
Imipramine	50	1000	EtS	500	10000
Ketamine	50	10000	D9 THC -COOH	25	500
Lorazepam	50	2500	D8 THC -COOH	25	500
MDMA	50	10000			
Meperidine	50	1000	Acetyl fentanyl	0.5	10
Meprobamate	50	10000	Butyryl fentanyl	0.5	10
Methadone	50	1500	Carfentanil	0.5	10
Methamphetamine	50	10000	Furanyl fentanyl	0.5	10
Methylphenidate	50	1250	Norcarfentanil	0.5	10
Mitragynine	50	1500	Xylazine	5	100
Morphine	1000	10000			
Naloxone	25	5000			
Naltrexone	50	10000			