

Drug Testing, General Toxicology (Serum or Blood)

Table: Drugs and/or metabolites analyzed and their corresponding limits of detection

Analyte	Common Trade Names	Report Format (if different from analyte name)	Limit of Detection (ng/mL)	
			Serum TC91360	Blood TC91358
2-hydroxyethylflurazepam	Dalmane®	2-hydroxyethylflurazepam (flurazepam metabolite)	250	250
6-hydroxy buspirone	BuSpar®	6-hydroxy Buspirone (buspirone metabolite)	10	10
6-monoacetylmorphine	6-MAM	6-monoacetylmorphine (heroin metabolite)	50	50
7-aminoclonazepam	Klonopin®	7-aminoclonazepam (clonazepam metabolite)	50	100
7-aminoflunitrazepam	Rohypnol®	7-aminoflunitrazepam (flunitrazepam metabolite)	100	50
Acetaminophen	Tylenol®, paracetamol		500	500
Acetyl fentanyl			10	10
Alprazolam	Xanax®		10	10
Amitriptyline	Elavil®		50	10
Amobarbital	Amytal®		500	250
Amoxapine	Asendin®		10	100
Amphetamine	Adderall®		100	100
Atenolol	Senormin®, Tenormin®		100	100
Atropine			10	10
Benzoylcegonine	Cocaine	Benzoylcegonine (cocaine metabolite)	10	10
Brompheniramine			100	50
Buprenorphine	Subutex®, Suboxone®, Buprenex®, etc		100	100
Butabarbital	Butisol®		500	1000
Butalbital	Fioricet®		1000	1000
Caffeine			50	50
Carbamazepine-10,11-epoxide	Carbamazepine	Carbamazepine-10,11-epoxide (carbamazepine metabolite)	10	10
Carbamazepine	Tegretol®		50	10
Carisoprodol	Soma®		250	100
Chlordiazepoxide	Librium®		50	50
Chlorpheniramine	Dimetapp®, Drixoral®, Actifed®, etc		10	10
Chlorpromazine	Thorazine®		100	50
Citalopram/escitalopram	Celexa®		50	50
Clomipramine	Anafranil®		10	10

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Clonazepam	Klonopin®		100	50
Clozapine	Clozaril®		10	10
Cocaethylene	Cocaine	Cocaethylene (cocaine metabolite)	10	10
Cocaine			50	50
Codeine	Tylenol 3®, etc		50	50
Cotinine	Nicotine	Cotinine (nicotine metabolite)	50	50
Cyclobenzaprine	Flexeril®		10	10
Desipramine	Norpramin, Imipramine	Desipramine (imipramine metabolite)	10	50
Desmethylclozapine	Clozapine	Desmethylclozapine (clozapine metabolite)	10	50
Desmethyldoxepin	Doxepin	Desmethyldoxepin (doxepin metabolite)	10	10
Dextromethorphan	Various cold medications		10	10
Dextrophan	Various cold medications		10	10
Diazepam	Valium®		10	10
Dihydrocodeine	Vicodin®	Dihydrocodeine (hydrocodone metabolite)	10	50
Diltiazem	Progor®		10	10
Diphenhydramine	Benadryl®		10	10
Disopyramide	Norpace®		10	10
Doxepin	Adapin®, Sinequan®		10	10
Doxylamine	Unisom®		50	50
Duloxetine	Cymbalta®		250	250
EDDP	Methadone	EDDP (methadone metabolite)	10	10
Ephedrine/ Pseudoephedrine		Ephedrine/Pseudoephedrine	50	50
Fentanyl			10	10
Flunitrazepam	Rohypnol®		10	10
Fluoxetine	Prozac®		50	50
Fluphenazine	Prolixin®		50	10
Flurazepam	Dalmane®		50	10
Gabapentin	Neurontin®, Gabarone®		250	100
Hydrocodone	Vicodin®		10	10

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Hydromorphone	Dilaudid®		50	50
Hydroxybupropion	Bupropion, Wellbutrin®	Hydroxybupropion (bupropion metabolite)	10	10
Hydroxyzine	Vistaril®, Atarax®		10	10
Ibuprofen	Advil®, Motrin®		500	1000
Imipramine	Tofranil®		50	10
Ketamine			10	10
Lamotrigine	Lamictal®		50	50
Lidocaine	Xylocaine®		10	10
Lorazepam	Ativan®		100	50
Loxapine	Loxitane®		10	10
Maprotiline	Ludiomil®		10	10
Methylenedioxy-amphetamine	MDA	MDA (methylenedioxy-amphetamine)	250	250
Methylenedioxy-ethylamphetamine	MDEA	MDEA (methylenedioxy-ethylamphetamine)	50	50
Methylenedioxy-methamphetamine	MDMA	MDMA (methylenedioxy-methamphetamine)	10	10
MEGX	Lidocaine	MEGX (lidocaine metabolite)	50	50
Meperidine	Demerol®		10	10
Meprobamate	Miltown®, Equanil®	Meprobamate (carisoprodol metabolite)	250	250
Mesoridazine	Serentil®		10	10
Methadone	Dolophine®, Methadose®, etc		10	10
Methamphetamine	Desoxyn®	methamphetamine	100	50
Methocarbamol	Robaxin®		100	100
Methylphenidate	Concerta®, Ritalin®, Metadate®, Methylin®		10	10
Metoprolol	Lopressor®, Toprol®		10	50
Midazolam	Versed®		10	10
Mirtazapine	Remeron®		10	10
Morphine			50	50
N-acetylprocainamide	NAPA	NAPA	10	50

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		(procainamide metabolite)		
Naproxen	Aleve®		100	100
Norbuprenorphine	Buprenorphine	Norbuprenorphine (buprenorphine metabolite)	100	100
Nordiazepam	Diazepam, Chlordiazepoxide, Clorazepate®	Nordiazepam (diazepam metabolite)	50	50
Norfentanyl	Fentanyl	Norfentanyl (fentanyl metabolite)	10	10
Norhydrocodone	Hydrocodone	Norhydrocodone (hydrocodone metabolite)	50	10
Norketamine	Ketamine	Norketamine (ketamine metabolite)	10	50
Normeperidine	Meperidine	Normeperidine (meperidine metabolite)	1000	1000
Noroxycodone	Oxycodone	Noroxycodone (oxycodone metabolite)	100	250
Noroxymorphone	Oxymorphone	Noroxymorphone (oxymorphone metabolite)	250	100
Norpropoxyphene	Propoxyphene	Norpropoxyphene (propoxyphene metabolite)	50	50
Nortriptyline	Pamelor®, Aventyl®	Nortriptyline (amitriptyline metabolite)	50	50
Norverapamil	Verapamil®	Norverapamil (verapamil metabolite)	10	10
O-Desmethylvenlafaxine	Pristiq®, Effexor®	O-Desmethylvenlafaxine (venlafaxine metabolite)	50	10
Olanzapine	Zyprexa®		50	50
Oxazepam	Serax®, Diazepam, Chlordiazepoxide, Clorazepate, Temazepam		50	50
Oxcarbazepine	Trileptal®		250	250
Oxycodone	OxyContin®, Percocet®		10	10
Oxymorphone	Opana®		50	100
Paroxetine	Paxil®		50	50
Phencyclidine	PCP	phencyclidine (PCP)	50	50
Pentazocine			10	10
Pentobarbital	Nembutal®		500	250

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Phenobarbital	Solfoton®		500	500
Phentermine	Ionamin®	Phentermine	50	50
Phenylpropanolamine			500	500
Phenytoin	Dilantin®		1000	1000
Pregabalin	Lyrica®		250	250
Procainamide	Pronestyl®		50	50
Promazine	Sparine®	Promazine	100	50
Promethazine	Pentazine®, Phenadoz®, Phenergan®, etc	Promethazine	100	10
Propoxyphene	Darvon®		50	100
Propranolol	Inderal®		10	10
Protriptyline	Vivactil®		10	10
Pseudoephedrine	Sudafed®	Ephedrine/Pseudoephedrine	10	50
Pyrilamine			10	10
Quetiapine	Seroquel®		10	10
Quinidine		Quinidine/Quinine	100	50
Quinine	Qualaquin®	Quinidine/Quinine	250	250
Risperidone			10	10
Salicylic Acid	Aspirin		1000	500
Secobarbital	Seconal Sodium®		500	250
Sertraline	Zoloft®		50	50
Tapentadol	Nucynta®		10	10
Temazepam	Restoril®		10	10
THC-COOH	Marijuana, Tetrahydrocannabinol, THC		100	100
Thioridazine	Mellaril®		50	50
Topiramate	Topamax®		50	50
Tramadol	Ultram®, Rybix®, Ryzolt®, etc.		10	10
Trazodone	Desyrel®, Oleptro®		10	10
Trifluoperazine	Stelazine®		50	50
Trimethoprim	Proloprim®, Trimipex®		10	10
Trimipramine	Surmontil®		10	10
Tripelennamine			10	10
Venlafaxine	Effexor®		10	10

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Verapamil	Calan [®] , Covera [®] , Verelan [®] , etc		10	10
Volatiles			(mg/dL)	(mg/dL)
Acetone	Ketone		5	5
Ethanol	Ethyl alcohol, alcoholic beverages		5	5
Isopropanol	Isopropyl alcohol, rubbing alcohol		5	5
Methanol	Methyl alcohol, wood alcohol		5	5
Zolpidem	Ambien [®]		10	10
Zolpidem-Phenyl-4-COOH	Zolpidem [®]	Zolpidem-Phenyl-4-COOH (zolpidem metabolite)	50	10

Current list of drugs and/or metabolites analyzed and their corresponding limits of detection.

TC = test code

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