

DRUG ANALYTES DETECTED IN MECONIUM AND UMBILICAL CORD | DECEMBER 2010

DRUG, DRUG METABOLITE(S)*	COMMON TRADE AND STREET NAMES, NOTES	LLOQ †	
		MEC (ng/g)	CORD (ng/g)
STIMULANTS			
Amphetamine	Benzedrine, dexedrine, Adderall, Vyvanse, speed; could be methamphetamine metabolite; if so, typically < 30 percent of parent	20	5
Methamphetamine	Desoxyn, methedrine, Vicks inhaler (D- and L-isomers are not resolved; low concentrations expected if the source is Vicks); selegeline (Atapryl, Carbex, Carbex, Eldepryl, Zelapar) metabolite	20	5
Methylenedioxyamphetamine (MDMA)	XTC, ecstasy	20	5
Methylenedioxyethylamphetamine (MDEA)	Eve, MDE	20	5
Methylenedioxyamphetamine (MDA)	MDMA and MDEA metabolite	20	5
Cocaine	Coke, crack; parent drug rarely observed due to short half-life	20	N/A
Benzoylcegonine	Cocaine metabolite	20	1
m-hydroxy benzoylcegonine*	Cocaine metabolite	20	N/A
Cocaethylene	Cocaine metabolite (formed when cocaine is used with alcohol)	20	N/A
OPIOIDS			
Codeine	Included in many preparations; morphine metabolite; may be a contaminant if < 2 percent of morphine	2	2
Dihydrocodeine	Drocode, DHC Plus, Synalgos-DC; codeine metabolite	2	N/A
Heroin	Diacetylmorphine, dope, smack, dust; parent drug not detected	2	2
6-acetylmorphine [^]	Heroin metabolite; 6-AM, 6-monoacetylmorphine (rarely observed)	2	2
Hydrocodone	Included in many preparations (with acetaminophen: Lortab, Lorcet, Co-Gesic, Vicodin; with ibuprofen: Ibudone); codeine metabolite; may be a contaminant if < 2 percent of oxycodone	2	2
Hydromorphone	Dilaudid; morphine and hydrocodone metabolite	2	2
Morphine	Included in many preparations; Astromorph, Avinza, DepoDur, Duramorph, Kadian, MS Contin; poppy seeds (low concentrations expected); heroin metabolite	2	2
Oxycodone	Oxycontin (with acetaminophen: Endocet, Percocet, Roxicet; with aspirin: Endodan, Percodan, Roxiprin; with ibuprofen: Combunox)	2	N/A
Oxymorphone	Numorphan, Opana; oxycodone metabolite	2	N/A
Meperidine	Demerol, Mepergan	N/A	2
Normeperidine [^]	Meperidine metabolite	N/A	2
Methadone	Dolophine, Methadose	10	2
EDDP	Methadone metabolite; 2-ethylidene-1,5-dimethyl-2,2-diphenylpyrrolidine	10	2
Propoxyphene	Darvon, Wygesic (with acetaminophen: Darvocet, Digesic)	10	2
Norpropoxyphene [^]	Propoxyphene metabolite	10	2
Tramadol	Ultram	N/A	2
SEDATIVE-HYPNOTICS: BARBITURATES			
Amobarbital	Amytal	50	1
Butalbital	Sandoctal	50	1
Pentobarbital	Nembutal	50	1
Phenobarbital	Luminal	50	1
Secobarbital	Seconal	50	1
SEDATIVE-HYPNOTICS: BENZODIAZEPINES			
Alprazolam	Xanax	20	2
Alpha-hydroxyalprazolam	Alprazolam metabolite	20	N/A
Clonazepam	Klonopin	20	N/A
7-amino clonazepam	Clonazepam metabolite	20	N/A
Diazepam	Valium, Valrelease	20	2
Flurazepam	Dalmane; parent drug not detected		
Desalkylflurazepam	Flurazepam metabolite	20	N/A
Alpha-hydroxyethylflurazepam	Flurazepam metabolite	20	N/A
Lorazepam	Ativan	20	N/A
Midazolam	Versed	20	2

* A metabolite is an end-product that is eliminated and remains after a drug is modified (metabolized) by the body.
 † Based on lowest concentration reported by GC-MS or LC-MS/MS; MEC—meconium; CORD—umbilical cord; N/A—not available.
[^] Qualitative results only (quantitative result not reported).

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SEDATIVE-HYPNOTICS: BENZODIAZEPINES (continued)			
Nordiazepam	Librium, Paxipam, Tranxene, Centrax, Valium; metabolite of several drugs: chlorodiazepoxide (Librium), clorazepate (Tranxene), diazepam, halezepam (Paxipam), prazepam (Centrax)	20	2
Oxazepam	Serax; nordiazepam and temazepam metabolite	20	2
Temazepam	Normison, Restoril; Diazepam metabolite	20	2
Triazolam	Halcion [parent drug not detected]	20	2
Alpha-hydroxytriazolam	Triazolam metabolite	20	N/A
HALLUCINOGENS			
Phencyclidine	PCP, Sernyl, Sernylan, angel dust	10	1
CANNABINOIDS			
11-Nor-9-Carboxy-Delta-9-Tetrahydrocannabinol	Marinol, drabinol, marijuana, weed, pot, cannabis, ganja, gashish, THC; cannabinoid metabolite	5	0.05

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