

DRUG TEST TABLE MECONIUM AND UMBILICAL CORD

Drug Class, Drug, Drug Metabolite(s)*	Common Trade and Street Names, Other Sources (Notes)	LLOQ [†]	
		MEC (ng/g)	CORD [^] (ng/g)
Stimulants			
Amphetamine	Adderall, Evekeo, Procentra, Zenzidi, Dexedrine, Vyvanse, speed (could be methamphetamine metabolite; if so, typically < 30% of parent)	20	5
Methamphetamine	Desoxyn, methedrine, Vicks inhaler (D and L isomers not resolved; low concentrations are expected if the source is Vicks) or a metabolite of selegiline (Atapryl, Carbex, Deprenyl, Eldepryl)	20	5
Methylenedioxymethamphetamine (MDMA)	E, XTC, ecstasy, molly	20	5
Methylenedioxyethylamphetamine (MDEA)	Eve, MDE	20	NA
Methylenedioxyamphetamine (MDA)	Sally, sass, MDMA or MDEA metabolite	20	NA
Phentermine	Adipex, Qsymia, Suprenza	NA	8
Cocaine	Coke, crack (parent drug rarely observed due to short half-life)	20	0.5
<i>Benzoyllecgonine</i>	Cocaine metabolite	20	0.5
<i>m-hydroxy benzoyllecgonine[^]</i>	Cocaine metabolite (often the only cocaine metabolite in meconium)	20	1
<i>Cocaethylene</i>	Cocaine metabolite (formed when cocaine is used with alcohol but rarely detected in meconium and cord)	20	1
Opioids			
Buprenorphine	Butrans, Buprenex, Bunavail, Suboxone, Zubsolv	20	1
<i>Norbuprenorphine</i>	Buprenorphine metabolite	20	0.5
<i>Buprenorphine-glucuronide</i>	Buprenorphine metabolite	NA	1
Codeine	Included in many preparations (may be a contaminant of morphine if < 2% of morphine or a contaminant of heroin). Common metabolite is morphine; minor metabolite is hydrocodone.	20	0.5
Dihydrocodeine	Drocode, DHC Plus, Synalgos-DC, hydrocodone metabolite	NA	1
Fentanyl	Abstral, Actiq, Duragesic, Fentora, Subsys, Ionsys, Lazanda	NA	0.5
Heroin	Diacetylmorphine, dope, smack, dust (parent drug not detected)	NA	NA
<i>6-acetylmorphine</i>	Heroin metabolite; 6-AM, 6-monoacetylmorphine (rarely observed); common metabolite is morphine.	20	1

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Hydrocodone	Included in many preparations (with acetaminophen: Lortab, Lorcet, Co-Gesic, Vicodin; with ibuprofen: Ibudone); codeine metabolite (may be a contaminant of oxycodone if < 2% of oxycodone). Common metabolites are dihydrocodeine, norhydrocodone, and hydromorphone.	20	0.5
<i>Norhydrocodone</i>	Hydrocodone metabolite	N/A	1
Hydromorphone	Dilaudid; morphine and hydrocodone metabolite	20	0.5
Morphine	Included in many preparations: Astromorph, Avinza, DepoDur, Duramorph, Kadian, MS Contin (with naltrexone: Embeda); poppy seeds (low concentrations expected); heroin and codeine metabolite. Minor metabolite is hydromorphone.	20	0.5
Oxycodone	OxyContin (with acetaminophen: Endocet, Percocet, Roxicet; with aspirin: Endodan, Percodan, Roxiprin; with ibuprofen: Combunox). Common metabolites are oxymorphone and noroxycodone.	20	0.5
<i>Noroxycodone</i>	Oxycodone metabolite	N/A	1
Oxymorphone	Numorphan, Opana, oxycodone metabolite; common metabolite is noroxymorphone.	20	0.5
<i>Noroxymorphone</i>	Oxymorphone and noroxycodone metabolite	N/A	0.5
Meperidine	Demerol, Mepergan	NA	2
Methadone	Dolophine, Methadose	10	2
<i>EDDP</i>	Methadone metabolite; 2-ethylidene-1,5-dimethyl-2,2-diphenylpyrrolidine	10	1
Naloxone	Evzio or in combination with buprenorphine or pentazocine	NA	1
Propoxyphene	Darvon, Wygesic (with acetaminophen: Darvocet, Digesic)	NA	1
Tapentadol	Nucynta	NA	2
Tramadol	Ultram, Ultracet, ConZip	NA	2
<i>N-desmethyltramadol</i>	Tramadol metabolite	NA	2
<i>O-desmethyltramadol</i>	Tramadol metabolite	NA	2

Sedative-Hypnotics: Barbiturates

Butalbital	Sandoptal or combination products like Fioricet, Ascomp, and Esgic	50	25
Phenobarbital	Luminal or combination drug products like Donnatal	50	75

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Sedative-Hypnotics: Benzodiazepines

Alprazolam	Xanax	20	0.5
<i>Alpha-hydroxyalprazolam</i>	Alprazolam metabolite	20	0.5
Clonazepam	Clonopin, Klonopin	20	1
<i>7-amino clonazepam</i>	Clonazepam metabolite	20	1
Diazepam	Valium, Diastat, Valrelease; common metabolites are nordiazepam and temazepam.	20	1
Lorazepam	Ativan	20	5
Midazolam	Versed	20	1
<i>Alpha-hydroxymidazolam</i>	Midazolam metabolite	NA	2
Nordiazepam	Metabolite of several drugs: chlorodiazepoxide (Librium), clorazepate (Tranxene), diazepam, halezepam (Paxipam), prazepam (Centrax); common metabolite is oxazepam.	20	1
Oxazepam	Serax; nordiazepam and temazepam metabolite	20	2
Temazepam	Normison, Restoril, diazepam metabolite	20	1
Zolpidem	Ambien, Edluar, Intermezzo, Zolpimist	NA	0.5

Hallucinogens

Phencyclidine	PCP, Sernyl, Sernylan, angel dust	10	1
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Cannabinoids

<i>11-nor-9-carboxy-delta-9-tetrahydrocannabinol</i>	Marinol, Dronabinol, marijuana, weed, cannabis, ganja, hashish, THC, cannabinoid metabolite	5	1
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*Metabolite: an end product that remains (and is eliminated) after a drug is modified (metabolized) by the body; italics used above to identify.

[^]Qualitative only (quantitative result not reported)
MEC = meconium **CORD** = umbilical cord

[†]Lowest concentration reported, cutoff
NA = not available

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