



MOP 100	-75% Cutoff	50	50/0	50/0	50/0
	-100% Cutoff	50	50/0	50/0	50/0
	+100% Cutoff	50	0/50	0/50	0/50
	+75% Cutoff	50	0/50	0/50	0/50
	+50% Cutoff	50	0/50	0/50	0/50
OPI 2000	+25% Cutoff	50	0/50	0/50	0/50
	Cutoff	50	9/41	10/40	10/40
	-25% Cutoff	50	50/0	50/0	50/0
	-50% Cutoff	50	50/0	50/0	50/0
	-75% Cutoff	50	50/0	50/0	50/0
OXY 100	+100% Cutoff	50	0/50	0/50	0/50
	+75% Cutoff	50	0/50	0/50	0/50
	+50% Cutoff	50	0/50	0/50	0/50
	+25% Cutoff	50	0/50	0/50	0/50
	Cutoff	50	15/35	15/35	13/37
PCP 25	-25% Cutoff	50	50/0	50/0	50/0
	-50% Cutoff	50	50/0	50/0	50/0
	-75% Cutoff	50	50/0	50/0	50/0
	+100% Cutoff	50	50/0	50/0	50/0
	+75% Cutoff	50	0/50	0/50	0/50
PPX 300	+50% Cutoff	50	0/50	0/50	0/50
	+25% Cutoff	50	0/50	0/50	0/50
	Cutoff	50	12/38	12/38	12/38
	-25% Cutoff	50	50/0	50/0	50/0
	-50% Cutoff	50	50/0	50/0	50/0

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PPX 300	-25% Cutoff	50	50/0	50/0	50/0
	-50% Cutoff	50	50/0	50/0	50/0
	-75% Cutoff	50	50/0	50/0	50/0
	-100% Cutoff	50	50/0	50/0	50/0
	+100% Cutoff	50	0/50	0/50	0/50
K2 (50)	+75% Cutoff	50	0/50	0/50	0/50
	+50% Cutoff	50	0/50	0/50	0/50
	+25% Cutoff	50	0/50	0/50	0/50
	Cutoff	50	12/38	13/37	12/38
	-25% Cutoff	50	50/0	50/0	50/0
K2 (25)	-50% Cutoff	50	50/0	50/0	50/0
	-75% Cutoff	50	50/0	50/0	50/0
	-100% Cutoff	50	50/0	50/0	50/0
	+100% Cutoff	50	0/50	0/50	0/50
	+75% Cutoff	50	0/50	0/50	0/50
TCA 1000	+50% Cutoff	50	0/50	0/50	0/50
	+25% Cutoff	50	0/50	0/50	0/50
	Cutoff	50	11/39	11/39	12/38
	-25% Cutoff	50	50/0	50/0	50/0
	-50% Cutoff	50	50/0	50/0	50/0
TRA 1000	-75% Cutoff	50	50/0	50/0	50/0
	-100% Cutoff	50	50/0	50/0	50/0
	+100% Cutoff	50	0/50	0/50	0/50
	+75% Cutoff	50	0/50	0/50	0/50
	+50% Cutoff	50	0/50	0/50	0/50

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TRA 1000	+25% Cutoff	50	0/50	0/50	0/50
	Cutoff	50	14/36	14/36	15/35
	-25% Cutoff	50	50/0	50/0	50/0
	-50% Cutoff	50	50/0	50/0	50/0
	-75% Cutoff	50	50/0	50/0	50/0
TRA 200	-100% Cutoff	50	50/0	50/0	50/0
	+100% Cutoff	50	0/50	0/50	0/50
	+75% Cutoff	50	0/50	0/50	0/50
	+50% Cutoff	50	0/50	0/50	0/50
	+25% Cutoff	50	0/50	0/50	0/50
6-MAM	Cutoff	50	12/38	12/38	13/37
	-25% Cutoff	50	50/0	50/0	50/0
	-50% Cutoff	50	50/0	50/0	50/0
	-75% Cutoff	50	50/0	50/0	50/0
	-100% Cutoff	50	50/0	50/0	50/0

**B. Specificity**  
The following table lists the concentration of compounds (ng/mL) above which the Multi-Drug Urine Test Cup identified positive results at a read time of 5 minutes.

Compound	Concentration (ng/mL)
<b>Amphetamine (AMP 1000)</b>	
d-Amphetamine	1,000
l-Amphetamine	3,000
l-Amphetamine	50,000
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	5,000
Phentermine	3,000
Hydroxyamphetamine	10,000

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d-Methamphetamine	>100,000
l-Methamphetamine	>100,000
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	>100,000
(+/-) 3,4-Methylenedioxyamphetamine (MDMA)	>100,000
Epinephrine	>100,000
β-Phenylethylamine	100,000
Tryptamine	100,000
p-Hydroxynorephedrine	100,000
Phenylpropanolamine	>100,000
(±) Phenylpropanolamine	>100,000
p-Hydroxyamphetamine	100,000
d-Norephedrine	100,000
Benzphetamine	>100,000
l-Epinephrine	>100,000
l-Epinephrine	>100,000
d-Epinephrine	>100,000
<b>Amphetamine (AMP 500)</b>	
d-Amphetamine	500
l-Amphetamine	1,500
l-Amphetamine	25,000
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	2,500
Phentermine	1,500
Hydroxyamphetamine	5,000
d-Methamphetamine	>100,000
l-Methamphetamine	>100,000
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	>100,000
(+/-) 3,4-Methylenedioxyamphetamine (MDMA)	>100,000
Epinephrine	>100,000
β-Phenylethylamine	100,000
Tryptamine	100,000
p-Hydroxynorephedrine	100,000
Phenylpropanolamine	>100,000
(±) Phenylpropanolamine	>100,000
p-Hydroxyamphetamine	100,000
d-Norephedrine	100,000
Benzphetamine	>100,000
l-Epinephrine	>100,000
l-Epinephrine	>100,000
d-Epinephrine	>100,000
<b>Amphetamine (AMP 300)</b>	
d-Amphetamine	300

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d-Amphetamine	900
l-Amphetamine	15,000
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	1,500
Phentermine	900
Hydroxyamphetamine	3,000
d-Methamphetamine	>100,000
l-Methamphetamine	>100,000
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	>100,000
(+/-) 3,4-Methylenedioxyamphetamine (MDMA)	>100,000
Epinephrine	>100,000
β-Phenylethylamine	100,000
Tryptamine	100,000
p-Hydroxynorephedrine	100,000
Phenylpropanolamine	>100,000
(±) Phenylpropanolamine	>100,000
p-Hydroxyamphetamine	100,000
d-Norephedrine	100,000
Benzphetamine	>100,000
l-Epinephrine	>100,000
l-Epinephrine	>100,000
d-Epinephrine	>100,000
<b>Barbiturates (BAR 300)</b>	
Secobarbital	300
Amobarbital	1,000
Alphenal	75
Aprobarbital	250
Butobarbital	100
Butalbital	5,000
Butethal	500
Cyclopentobarbital	500
Pentobarbital	200
Phenobarbital	300
<b>Benzodiazepines (BZO 300)</b>	
Oxazepam	300
Alprazolam	150
α-Hydroxyalprazolam	>1,500
Bromazepam	100
Chlordiazepoxide	500
Clobazam	1,500
Clonazepam	750
Clonazepam	1,500
Clorazepate dipotassium	100

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Diazepam	500
Estazolam	500
Flunitrazepam	2,500
Midazolam	2,000
Nitrazepam	2,000
Nordiazepam	500
Temazepam	250
Triazolam	1,000
Desalkylflurazepam	500
Lorazepam	5,000
NorChlordiazepoxide	500
Nordiazepam	1,000
Delorazepam	2,000
Demoxepam	5,000
Flurazepam	500
<b>Benzodiazepines (BZO 200)</b>	
Oxazepam	200
Alprazolam	100
α-Hydroxyalprazolam	1,000
Bromazepam	75
Chlordiazepoxide	500
Clobazam	500
Clonazepam	1,000
Clorazepate dipotassium	75
Diazepam	500
Estazolam	500
Flunitrazepam	2,000
Midazolam	1,000
Nitrazepam	1,000
Nordiazepam	500
Temazepam	200
Triazolam	750
Desalkylflurazepam	500
Lorazepam	4,000
NorChlordiazepoxide	500
Nordiazepam	750
Delorazepam	1,000
Demoxepam	4,000
Flurazepam	500
<b>Benzodiazepines (BZO 100)</b>	
Oxazepam	100

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Alprazolam	50
α-Hydroxyalprazolam	500
Bromazepam	50
Chlordiazepoxide	500
Clobazam	250
Clonazepam	500
Clorazepate dipotassium	50
Diazepam	300
Estazolam	300
Flunitrazepam	1,000
Midazolam	500
Nitrazepam	500
Nordiazepam	300
Temazepam	150
Triazolam	500
Desalkylflurazepam	300
Lorazepam	2,500
NorChlordiazepoxide	300
Nordiazepam	500
Delorazepam	500
Demoxepam	2,500
Flurazepam	300
<b>Buprenorphine (BUP 10)</b>	
Buprenorphine	10
Norbuprenorphine	50
Buprenorphine 3-β-D-glucuronide	500
Norbuprenorphine 3-β-D-glucuronide	10
Morphine	>100,000
Oxymorphone	>100,000
Hydromorphone	>100,000
<b>Cocaine (COC 300)</b>	
Benzoyllecgonine	300
Cocaine HCl	750
Cocaine	12,500
Cocacethylene	30,000
Egonine	>100,000
Egonine methyl ester	>100,000
<b>Cocaine (COC 150)</b>	
Benzoyllecgonine	150
Cocaine HCl	500
Cocacethylene	5,000

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Egonine	15,000
Egonine methyl ester	>100,000
<b>Cocaine (COC 100)</b>	
Benzoyllecgonine	100
Cocaine HCl	250
Cocacethylene	50
Egonine	5,000
Egonine methyl ester	>100,000
<b>Cannabinoids (THC 50)</b>	
11-nor-Δ <sup>9</sup> -THC-9-COOH	50
11-nor-Δ <sup>8</sup> -THC-9-COOH	30
(±)-11-Hydroxy-Δ <sup>9</sup> -THC	2,500
Δ <sup>8</sup> -Tetrahydrocannabinol	2,000
Δ <sup>9</sup> -Tetrahydrocannabinol	5,000
Cannabinol	10,000
Cannabidiol (CBD)	100,000
(±)-11-nor-9-carboxy-Δ <sup>9</sup> -THC	100
11-nor-Δ <sup>9</sup> -THC-carboxy glucuronide	100
<b>Cannabinoids (THC 40)</b>	
11-nor-Δ <sup>9</sup> -THC-9-COOH	40
11-nor-Δ <sup>8</sup> -THC-9-COOH	30
(±)-11-Hydroxy-Δ <sup>9</sup> -THC	2,000
Δ <sup>8</sup> -Tetrahydrocannabinol	1,500
Δ <sup>9</sup> -Tetrahydrocannabinol	4,000
Cannabinol	10,000
Cannabidiol (CBD)	100,000
(±)-11-nor-9-carboxy-Δ <sup>9</sup> -THC	100
11-nor-Δ <sup>9</sup> -THC-carboxy glucuronide	100
<b>Cannabinoids (THC 25)</b>	
11-nor-Δ <sup>9</sup> -THC-9-COOH	25
11-nor-Δ <sup>8</sup> -THC-9-COOH	15
(±)-11-Hydroxy-Δ <sup>9</sup> -THC	1,250
Δ <sup>8</sup> -Tetrahydrocannabinol	1,000
Δ <sup>9</sup> -Tetrahydrocannabinol	2,500
Cannabinol	5,000
Cannabidiol (CBD)	75,000
(±)-11-nor-9-carboxy-Δ <sup>9</sup> -THC	50
11-nor-Δ <sup>9</sup> -THC-carboxy glucuronide	75

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<b>Cotinine (COT)</b>	
Cotinine	200
<b>Ethyl Glucuronide (ETG)</b>	
Ethyl Glucuronide	500
Ethandiol	>100,000
Glucuronic acid	>100,000
Methanol	>100,000
D-glucose	>100,000
<b>Fentanyl (FTY)</b>	
Fentanyl	20
Carfentanyl	50
Sufentanyl	150
Alfentanyl	>10,000
Norfentanyl	>10,000
Bupripone	>10,000
<b>Ketamine (KET 1000)</b>	
Ketamine	1,000
2-Fluorodeschloroketamine	2,000
Methadone	50,000
Pethidine	12,500
Methylamphetamine	12,500
Methoxyphenamine	12,500
Promethazine	25,000
Phencyclidine	25,000
<b>Ketamine (KET 500)</b>	
Ketamine	500
2-Fluorodeschloroketamine	1,000
Methadone	25,000
Pethidine	7,500
Methylamphetamine	7,500
Methoxyphenamine	7,500
Promethazine	12,500
Phencyclidine	12,500
<b>Methamphetamine (MET 1000)</b>	
d-Methamphetamine	1,000
d-Amphetamine	50,000
Chloroquine	50,000
(+/-)-Ephedrine	50,000
(-)-Methamphetamine	25,000
(+/-) 3,4-Methylenedioxyamphetamine (MDMA)	4,000
β-Phenylethylamine	50,000
Trimethobenzamide	75,000
(+/-) 3,4-Methylenedioxyamphetamine (MDA)	30,000
Mephentermine	50,000