

Five Panel Drug Testing (Information Received from Carol Jetzer, Occupational Medicine Consultants (OMC))

Basic testing (5panel) typically screens for the following, commonly-abused drugs:
1) Amphetamines (speed, meth, crank, ecstasy); **2) Cannabinoids** (marijuana, hash);
3) Cocaine (coke, crack); **4) Opiates** (heroin, morphine, opium, codeine); **5) Phencyclidine** (PCP)

Initial Drug Cutoff Levels SCREENING	
Drug	Nanograms per Milliliter (ng/ml)
Marijuana metabolites	50
Cocaine metabolites	150
Opiate metabolites ¹	2000
Phencyclidine (PCP)	25
Amphetamines ²	500

¹ Labs are permitted to initial test all specimens for 6-acetylmorphine at a 10 ng/ml cutoff
² Target analyte must be d-methamphetamine and the test must significantly cross-react with MDMA, MDA, and MDEA

Confirmatory Drug Cutoff Levels	
Drug	Nanograms per Milliliter (ng/ml)
Marijuana metabolite ¹	15
Cocaine metabolite ²	100
<i>Opiates</i>	
Morphine	2000
Codeine	2000
6-acetylmorphine ⁴	10
Phencyclidine (PCP)	25
<i>Amphetamines</i>	
Amphetamine	250
Methamphetamine ³	250
MDMA	250
MDA	250
MDEA	250

Delta-9-tetrahydrocannabinol-9-carboxylic acid
² Benzoylcegonin Specimen must also contain d-amphetamine at a concentration ≥ 100 ng/ml
⁴ Labs test for 6-acetylmorphine when the morphine concentration exceeds 2,000 ng/ml