

Subpart F - Drug Testing Laboratories

§ 40.87 What are the cutoff concentrations for initial and confirmation tests?

(a) As a laboratory, you must use the cutoff concentrations displayed in the following table for initial and confirmation drug tests. All cutoff concentrations are expressed in nanograms per milliliter (ng/mL). The table follows:

Type of Drug or Metabolite	Initial Test	Confirmation Test
(1) Marijuana metabolites (i) Delta-9-tetrahydrocannabinol-9-carboxylic acid (THC)	50	15
(2) Cocaine metabolites (Benzoyllecgonine)	300	150
(3) Phencyclidine (PCP)	25	25
(4) Amphetamines (i) Amphetamine (ii) Methamphetamine	1000	500 500 (Specimen must also contain amphetamine at a concentration of greater than or equal to 200 ng/mL.
(5) Opiate metabolites (i) Codeine (ii) Morphine (iii) 6acetyl morphine	2000	2000 2000 10 Test for 6-AM in the specimen. Conduct this test only when specimen contains morphine at a concentration greater than or equal to 2000 ng/mL.

(b) On an initial drug test, you must report a result below the cutoff concentration as negative. If the result is at or above the cutoff concentration, you must conduct a confirmation test.

(c) On a confirmation drug test, you must report a result below the cutoff concentration as negative and a result at or above the cutoff concentration as confirmed positive.

(d) You must report quantitative values for morphine or codeine at 15,000 ng/mL or above.