

10A NCAC 73A .0105 TECHNIQUES AND METHODS

(a) The analysis of drug test specimens shall be conducted by a laboratory licensed by the NC Department of Health and Human Services and certified by the Substance Abuse and Mental Health Services Administration (SAMHSA). Licensed and certified laboratories are listed in the Federal Register, which is incorporated by reference, including subsequent amendments and editions and at <http://www.samhsa.gov/workplace/lab-list>, which is incorporated by reference, including subsequent amendments and editions.

(b) Controlled substances or metabolites of a controlled substance shall be tested and analyzed using approved analytical techniques or methods, as follows:

- (1) immunoassay;
- (2) thin-layer chromatography;
- (3) gas chromatography;
- (4) mass spectroscopy;
- (5) high performance liquid chromatography; or
- (6) spectroscopy.

(c) Results of the drug test analysis shall be expressed as equivalent to nanograms by weight of a controlled substance or metabolite, or a controlled substance per milliliter.

(d) The drug test threshold values shall meet the cutoff levels contained in the Mandatory Guidelines for Federal Workplace Drug Testing Programs as adopted by SAMHSA and identified in the chart below:

Initial Test Analyte	Initial Test Cutoff Concentration	Confirmatory Test Analyte	Confirmatory Test Cutoff Concentration
Marijuana Metabolites	50 ng/mL	THCA1	15 ng/mL
Cocaine Metabolites	150 ng/mL	Benzoylcegonine	100 ng/mL
Amphetamines AMP/MAMP	500 ng/mL	Amphetamine Methamphetamine	250 ng/mL 250 ng/mL
Opiate Metabolites Codeine/Morphine	2000 ng/mL	Codeine Morphine	2000 ng/mL 2000 ng/mL
Phencyclidine	25 ng/mL	Phencyclidine	25 ng/mL

*History Note: Authority G.S. 108A-29.1; 143B-153;
Eff. June 1, 2015.*