



Limits of Quantitation of Laboratories Approved to Analyze Blood for Controlled Substances and/or their Metabolites

The following is a list of laboratories approved by the Department of Health to analyze blood for the presence of controlled substances and/or their metabolites. These listed limits of quantitation (LOQs), were used to derive the minimum levels published in the Pennsylvania Bulletin Notice, Minimum Levels of Controlled Substances or their Metabolites in Blood to Establish Presence of Controlled Substance.

N/A (Not Applicable) indicates that a laboratory does not offer testing for a particular controlled substance and/or metabolite.

Allegheny County Med Ex Div of Lab

Address: 1520 Penn Avenue
2nd Floor
Pittsburgh, PA 15222

Laboratory Identification Number: 671

Phone Number: 412-350-4425

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	50
Methamphetamine.....	50
Methylenedioxyamphetamine (MDA)	50
Methylenedioxymethamphetamine (MDMA)	50
Methadone.....	20
Delta-9-THC (THC).....	2
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH)	5
Cocaine.....	20
Benzoyllecgonine	50
Phencyclidine (PCP).....	N/A
Codeine	50
Hydrocodone	10
Hydromorphone.....	10
6-monoacetylmorphine	5
Morphine.....	10
Oxycodone.....	10
Amobarbital.....	500
Pentobarbital.....	500
Secobarbital.....	500



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

American Forensic Toxicology Services

Address: 789 Park Avenue
Huntington, NY 11743

Laboratory Identification Number: 31871

Phone Number: 631-923-0166

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	2.5
Methamphetamine.....	2.5
Methylenedioxyamphetamine (MDA)	2.5
Methylenedioxymethamphetamine (MDMA)	2.5
Methadone.....	2.5
Delta-9-THC (THC).....	1
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH)	5
Cocaine.....	2.5
Benzoyllecgonine	2.5
Phencyclidine (PCP).....	2.5
Codeine	2.5
Hydrocodone	2.5
Hydromorphone.....	2.5
6-monoacetylmorphine	1
Morphine.....	2.5
Oxycodone.....	2.5
Amobarbital.....	N/A
Pentobarbital.....	N/A
Secobarbital.....	25



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Atlantic Diagnostic Laboratories LLC

Address: 3520 Progress Drive
Unit C
Bensalem, PA 19020

Laboratory Identification Number: 24997
Phone Number: 267-525-2470

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	50
Methamphetamine.....	50
Methylenedioxyamphetamine (MDA).....	50
Methylenedioxymethamphetamine (MDMA).....	50
Methadone.....	10
Delta-9-THC (THC).....	0.5
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH).....	5
Cocaine.....	5
Benzoyllecgonine.....	10
Phencyclidine (PCP).....	10
Codeine.....	10
Hydrocodone.....	5
Hydromorphone.....	5
6-monoacetylmorphine.....	10
Morphine.....	10
Oxycodone.....	10
Amobarbital.....	N/A
Pentobarbital.....	150
Secobarbital.....	150

**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Axis Forensic Toxicology Inc

Address: 5780 W 71st Street
Indianapolis, IN 46278

Laboratory Identification Number: 30483

Phone Number: 317-243-3894

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	50
Methamphetamine.....	50
Methylenedioxyamphetamine (MDA)	N/A
Methylenedioxymethamphetamine (MDMA)	50
Methadone.....	25
Delta-9-THC (THC).....	1.0
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH)	1.0
Cocaine.....	25
Benzoyllecgonine	25
Phencyclidine (PCP).....	50
Codeine	5.0
Hydrocodone	5.0
Hydromorphone.....	1.25
6-monoacetylmorphine	1.25
Morphine.....	5.0
Oxycodone.....	5.0
Amobarbital.....	1000
Pentobarbital.....	1000
Secobarbital.....	1000



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Castle Medical LLC

Address: 5700 Highlands Parkway
Ste 100
Smyrna, GA 30082

Laboratory Identification Number: 34424
Phone Number: 678-486-7340

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	5.0
Methamphetamine	10.0
Methylenedioxyamphetamine (MDA)	10.0
Methylenedioxymethamphetamine (MDMA)	5.0
Methadone	5.0
Delta-9-THC (THC).....	1.0
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH)	N/A
Cocaine.....	1.5
Benzoyllecgonine	4.0
Phencyclidine (PCP).....	1.0
Codeine	10.0
Hydrocodone	10.0
Hydromorphone	10.0
6-monoacetylmorphine	0.5
Morphine.....	10.0
Oxycodone.....	10.0
Amobarbital.....	N/A
Pentobarbital.....	N/A
Secobarbital.....	N/A

**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Drugscan Inc

Address: 200 Precision Road
Suite 200
Horsham, PA 19044

Laboratory Identification Number: 977

Phone Number: 215-674-9310

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	2.5
Methamphetamine.....	2.5
Methylenedioxyamphetamine (MDA)	2.5
Methylenedioxymethamphetamine (MDMA)	2.5
Methadone.....	3.0
Delta-9-THC (THC).....	1.0
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH)	1.0
Cocaine.....	2.0
Benzoyllecgonine	0.5
Phencyclidine (PCP).....	0.25
Codeine	2.0
Hydrocodone	2.0
Hydromorphone.....	1.0
6-monoacetylmorphine	0.25
Morphine.....	2.0
Oxycodone.....	2.0
Amobarbital.....	40
Pentobarbital.....	30
Secobarbital.....	40



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Health Network Laboratories

Address: 794 Roble Road
Allentown, PA 18109-9110

Laboratory Identification Number: 24655

Phone Number: 610-402-8150

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	20
Methamphetamine.....	20
Methylenedioxyamphetamine (MDA).....	10
Methylenedioxymethamphetamine (MDMA).....	20
Methadone.....	50
Delta-9-THC (THC).....	1.0
11-hydroxy-delta-9-THC (THC-OH).....	1.0
11-nor-9-carboxy-delta-9-THC (THC-COOH).....	5.0
Cocaine.....	10
Benzoyllecgonine.....	20
Phencyclidine (PCP).....	1.0
Codeine.....	5.0
Hydrocodone.....	5.0
Hydromorphone.....	5.0
6-monoacetylmorphine.....	2.0
Morphine.....	5.0
Oxycodone.....	5.0
Amobarbital.....	N/A
Pentobarbital.....	500
Secobarbital.....	500



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Medtox Laboratories, Inc

Address: 402 County Road West
St. Paul, MN 55112

Laboratory Identification Number: 5574

Phone Number: 651-636-7466

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	10
Methamphetamine.....	10
Methylenedioxyamphetamine (MDA)	10
Methylenedioxymethamphetamine (MDMA)	10
Methadone.....	1
Delta-9-THC (THC).....	1
11-hydroxy-delta-9-THC (THC-OH).....	1
11-nor-9-carboxy-delta-9-THC (THC-COOH)	1
Cocaine.....	10
Benzoyllecgonine	10
Phencyclidine (PCP).....	5
Codeine	1
Hydrocodone	1
Hydromorphone.....	1
6-monoacetylmorphine	5
Morphine.....	1
Oxycodone.....	1
Amobarbital.....	200
Pentobarbital.....	200
Secobarbital.....	200



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Molecular DX LLC

Address: 620 7th Street
Suite C
Windber, PA 15963

Laboratory Identification Number: 32803

Phone Number: 814-361-6993

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	10
Methamphetamine	5
Methylenedioxyamphetamine (MDA)	100
Methylenedioxymethamphetamine (MDMA)	5
Methadone	2
Delta-9-THC (THC).....	N/A
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH)	N/A
Cocaine.....	5
Benzoyllecgonine	5
Phencyclidine (PCP).....	50
Codeine	50
Hydrocodone	50
Hydromorphone	50
6-monoacetylmorphine	5
Morphine.....	50
Oxycodone.....	10
Amobarbital.....	N/A
Pentobarbital.....	N/A
Secobarbital.....	N/A



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

National Med Svcs Inc/DBA NMS Labs

Address: 3701 Welsh Road
Willow Grove, PA 19090

Laboratory Identification Number: 504

Phone Number: 215-657-4900

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	5.0
Methamphetamine.....	5.0
Methylenedioxyamphetamine (MDA).....	5.0
Methylenedioxymethamphetamine (MDMA).....	5.0
Methadone.....	20
Delta-9-THC (THC).....	0.5
11-hydroxy-delta-9-THC (THC-OH).....	1.0
11-nor-9-carboxy-delta-9-THC (THC-COOH).....	5.0
Cocaine.....	20
Benzoyllecgonine.....	50
Phencyclidine (PCP).....	5.0
Codeine.....	5.0
Hydrocodone.....	5.0
Hydromorphone.....	1.0
6-monoacetylmorphine.....	1.0
Morphine.....	5.0
Oxycodone.....	5.0
Amobarbital.....	200
Pentobarbital.....	200
Secobarbital.....	200



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Northern Tier Research

Address: 1302 Madison Avenue
Dunmore, PA 18509

Laboratory Identification Number: 29741

Phone Number: 570-351-6153

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	5.0
Methamphetamine.....	5.2
Methylenedioxyamphetamine (MDA).....	5.0
Methylenedioxymethamphetamine (MDMA).....	5.0
Methadone.....	20
Delta-9-THC (THC).....	N/A
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH).....	1.0
Cocaine.....	5.6
Benzoylecgonine.....	5.3
Phencyclidine (PCP).....	1.0
Codeine.....	2.5
Hydrocodone.....	2.0
Hydromorphone.....	2.0
6-monoacetylmorphine.....	1.0
Morphine.....	2.0
Oxycodone.....	2.5
Amobarbital.....	150
Pentobarbital.....	150
Secobarbital.....	150



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Office of the District Attorney

Address: 37 E High Street
Forensic Lab
Carlisle, PA 17103

Laboratory Identification Number: 30984

Phone Number: 717-240-6526

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	N/A
Methamphetamine.....	N/A
Methylenedioxyamphetamine (MDA)	N/A
Methylenedioxymethamphetamine (MDMA)	N/A
Methadone.....	N/A
Delta-9-THC (THC).....	5
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH)	5
Cocaine.....	N/A
Benzoyllecgonine	N/A
Phencyclidine (PCP).....	N/A
Codeine	N/A
Hydrocodone	N/A
Hydromorphone.....	N/A
6-monoacetylmorphine	N/A
Morphine.....	N/A
Oxycodone.....	N/A
Amobarbital.....	N/A
Pentobarbital.....	N/A
Secobarbital.....	N/A



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Phila Medical Examiners Office

Address: 321 University Avenue
Philadelphia, PA 19104

Laboratory Identification Number: 9175

Phone Number: 215-685-7460

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	50
Methamphetamine.....	50
Methylenedioxyamphetamine (MDA)	50
Methylenedioxymethamphetamine (MDMA)	50
Methadone.....	150
Delta-9-THC (THC).....	N/A
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH)	N/A
Cocaine.....	100
Benzoyllecgonine	100
Phencyclidine (PCP).....	10
Codeine	50
Hydrocodone	50
Hydromorphone.....	10
6-monoacetylmorphine	5
Morphine.....	50
Oxycodone.....	50
Amobarbital.....	N/A
Pentobarbital.....	N/A
Secobarbital.....	N/A



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Quest Diagnostics Nichols Institute

Address: 14225 Newbrook Drive
Chantilly, VA 20151

Laboratory Identification Number: 1136

Phone Number: 703-802-6900

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	50
Methamphetamine.....	50
Methylenedioxyamphetamine (MDA)	50
Methylenedioxymethamphetamine (MDMA)	50
Methadone.....	50
Delta-9-THC (THC).....	1
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH)	5
Cocaine.....	20
Benzoyllecgonine	20
Phencyclidine (PCP).....	5
Codeine	50
Hydrocodone	50
Hydromorphone.....	50
6-monoacetylmorphine	N/A
Morphine.....	50
Oxycodone.....	50
Amobarbital.....	100
Pentobarbital.....	100
Secobarbital.....	100



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Quest Diagnostics of PA Inc

Address: 875 Greentree Road
4 Parkway Center
Pittsburgh, PA 15220-3610

Laboratory Identification Number: 482
Phone Number: 412-920-7600

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	50
Methamphetamine.....	50
Methylenedioxyamphetamine (MDA)	N/A
Methylenedioxymethamphetamine (MDMA)	N/A
Methadone.....	20
Delta-9-THC (THC).....	1
11-hydroxy-delta-9-THC (THC-OH).....	1
11-nor-9-carboxy-delta-9-THC (THC-COOH)	1
Cocaine.....	50
Benzoyllecgonine	50
Phencyclidine (PCP).....	5
Codeine	5
Hydrocodone	5
Hydromorphone.....	5
6-monoacetylmorphine	5
Morphine.....	5
Oxycodone.....	5
Amobarbital.....	1000
Pentobarbital.....	1000
Secobarbital.....	1000



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

Quest Diagnostics Venture LLC

Address: 875 Greentree Road
4 Parkway Center
Pittsburgh, PA 15220-3610

Laboratory Identification Number: 25461
Phone Number: 412-920-7600

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	50
Methamphetamine.....	50
Methylenedioxyamphetamine (MDA)	N/A
Methylenedioxymethamphetamine (MDMA)	N/A
Methadone.....	20
Delta-9-THC (THC).....	1
11-hydroxy-delta-9-THC (THC-OH).....	1
11-nor-9-carboxy-delta-9-THC (THC-COOH)	1
Cocaine.....	50
Benzoyllecgonine	50
Phencyclidine (PCP).....	5
Codeine	5
Hydrocodone	5
Hydromorphone.....	5
6-monoacetylmorphine	5
Morphine.....	5
Oxycodone.....	5
Amobarbital.....	1000
Pentobarbital.....	1000
Secobarbital.....	1000



**Limits of Quantitation of Laboratories Approved to Analyze Blood for
Controlled Substances and/or their Metabolites**

St Joseph Quality Medical Lab

Address: 2500 Bernville Road
Reading, PA 19605-9453

Laboratory Identification Number: 151

Phone Number: 610-378-2200

Controlled Substance and/or Metabolite	LOQ (ng/mL)
Amphetamine.....	N/A
Methamphetamine.....	N/A
Methylenedioxyamphetamine (MDA).....	N/A
Methylenedioxymethamphetamine (MDMA).....	N/A
Methadone.....	N/A
Delta-9-THC (THC).....	N/A
11-hydroxy-delta-9-THC (THC-OH).....	N/A
11-nor-9-carboxy-delta-9-THC (THC-COOH).....	1.0
Cocaine.....	N/A
Benzoyllecgonine.....	N/A
Phencyclidine (PCP).....	N/A
Codeine.....	N/A
Hydrocodone.....	N/A
Hydromorphone.....	N/A
6-monoacetylmorphine.....	N/A
Morphine.....	N/A
Oxycodone.....	N/A
Amobarbital.....	N/A
Pentobarbital.....	N/A
Secobarbital.....	N/A