NMS Labs
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Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

CONFIDENTIAL

Demo Report

Report Issued 03/30/2020 14:04
Last Report Issued 09/19/2019 08:58

88888
Clinical Example Report
Attn: Example Reports
200 Welsh Road
Horsham, PA 19044

Patient Name 8210B-POS
Patient ID 8210B-POS
Chain 19001541
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 19001541

Received 09/18/2019 11:09

Sample ID 19001541-001
Matrix Blood
Patient Name 8210B-POS
Patient ID 8210B-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

Analysis and Comments	Result	Units	Reporting Limit	Notes

8210B Novel Psychoactive Substances (NPS) Screen 2, Blood

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

Other Findings — None Found

Comment: The following is a general list of compound classes considered to be Novel Psychoactive Substances included in the Gas Chromatographic screen. The detection of any particular compound is concentration-dependent. Please note that not all known compounds included in each specified class or heading are included. Some specific compounds outside these classes are also included. For a detailed list of all compounds and reporting limits included in this screen, please contact NMS Labs.

Substituted Phenethylamines, Opioid Analgesics, Substituted Cathinones, Pyrrolidinophenones, Piperazines, Tryptamines, Aminoindanes, and Benzofurans.

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.

52389B Phenethylamines Confirmation 2 (Qualitative), Blood

Results for sample 19001541-001 are continued on next page

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Sample ID 19001541-001
Matrix Blood
Patient Name 8210B-POS
Patient ID 8210B-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
PMA	Positive	ng/mL	10	
Synonym(s): para-methoxyamphetamine				
PMA is a serotonergic drug of the amphetamine class. It is a potent serotonergic stimulant drug and produces significant toxic effects at recreational doses. Adverse effects are linked to the potent serotonergic properties of the drug and include hyperpyrexia, tachycardia, agitation, shallow labored breathing and hypertension.				
Cathinone	Positive	ng/mL	10	
Synonym(s): Khat				
Cathinone is a central nervous system stimulant present in the North African shrub Catha Edulis. The dried plant material is known as Khat.				
Methcathinone	Positive	ng/mL	10	
Methcathinone, a CNS-stimulant, is similar to methamphetamine in that it can reduce fatigue and block hunger. The drug can also trigger impulsive, erratic behavior by increasing the action of two neurotransmitters, norepinephrine and dopamine. At higher dosages, or with chronic use, feelings of heightened confidence, arousal, paranoia, irritability, and severe depression are exhibited. Physical side effects include loss of appetite, profuse sweating, dehydration, elevated heart rate and body temperature, and uncontrolled shaking. Psychological effects include anxiety and irritability. Tolerance often develops rapidly as does dependence. Early withdrawal symptoms of anxiety and profuse sweating can precede convulsions, hallucinations, and severe depression.				
5-MeO-DMT	Positive	ng/mL	10	
Synonym(s): 5-methoxy-dimethyltryptamine				

Results for sample 19001541-001 are continued on next page

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Sample ID 19001541-001
Matrix Blood
Patient Name 8210B-POS
Patient ID 8210B-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
5-MeO-DMT (5-methoxy-N,N-dimethyltryptamine) is a psychedelic/hallucinogenic tryptamine. Its use has been linked to the popular 'Designer Drug' movement and may be present in products sold as 'Legal High' or 'Bath Salts' for recreational purposes. The drug is usually taken orally, but can also be insufflated or smoked.				
DET	Positive	ng/mL	10	
Synonym(s): N,N-diethyltryptamine				
DET is a psychedelic/hallucinogenic tryptamine. Its use has been linked to the popular 'Designer Drug' movement and may be present in products sold as 'Legal High' or 'Bath Salts' for recreational purposes. The drug is usually taken orally, but can also be insufflated or smoked.				
DMT	Positive	ng/mL	10	
Synonym(s): Component of Ayahuasca; N,N-Dimethyltryptamine				
DMT (N,N-dimethyltryptamine) is a naturally occurring tryptamine with stimulant and psychedelic/hallucinogenic properties when ingested. Its use has been linked to the popular 'Designer Drug' movement and may be present in products sold as 'Legal High' or 'Bath Salts' for recreational purposes. The drug is usually taken orally, but can also be insufflated or smoked. Endogenous concentrations in serum are less than 1 ng/mL. Following ingestion of 29mg of DMT in an herbal tea, plasma concentrations peaked at 16ng/mL (12-26ng/mL). DMT is a Federal Schedule I drug but its use for sacramental purposes is permitted.				
Methedrone	Positive	ng/mL	10	
Methedrone is a beta keto amphetamine or Cathinone stimulant entactogenic drug first reported in 2010. Its use has been linked to the popular 'Designer Drug' movement and may be present in products sold as 'Legal High' or 'Bath Salts' for recreational purposes. The drug is usually taken orally, but can also be insufflated or vaporized.				
Methedrone is chemically related to mephedrone.				

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