



**NMS Labs**

**CONFIDENTIAL**

200 Welsh Road, Horsham, PA 19044-2208  
Phone: (215) 657-4900 Fax: (215) 657-2972  
e-mail: nms@nmslabs.com

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

**Demo Report**

**Report Issued** 10/29/2018 07:45  
**Last Report Issued** 10/17/2018 13:35

**88888**  
Clinical Example Report  
Attn: IT Department  
200 Welsh Road  
Horsham, PA 19044-2208

**Patient Name** 8091TI-POS  
**Patient ID** 8091TI-POS  
**Chain** 18001493  
**Age** Not Given **DOB** Not Given  
**Gender** Not Given  
**Workorder** 18001493  
**Received** 09/25/2018 12:58

**Sample ID** 18001493-001  
**Matrix** Tissue  
**Patient Name** 8091TI-POS  
**Patient ID** 8091TI-POS  
**Container Type** Clear vial

**Collect Dt/Tm** Not Given  
**Source** Abdominal

**Approx Vol/Weight** Not Given

**Receipt Notes** None Entered

Tissue specimen required homogenization: 18001493-001

No testing performed on this sample.



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

Sample ID 18001493-002
Matrix Tissue
Patient Name 8091TI-POS
Patient ID 8091TI-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Abdominal

Approx Vol/Weight Not Given

Receipt Notes None Entered

Results were removed from report on 10/04/2018.
NMS Labs generated homogenized Tissue sample: 18001493-002

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for Ethanol, Methanol, and Isopropanol with their respective results and reporting limits.

Results for sample 18001493-002 are continued on next page



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**Sample ID** 18001493-002  
**Matrix** Tissue  
**Patient Name** 8091TI-POS  
**Patient ID** 8091TI-POS

**Collect Dt/Tm** Not Given  
**Source** Abdominal

Analysis and Comments	Result	Units	Reporting Limit	Notes
of ethanol; therefore, while the effects produced are similar, impairment caused by isopropyl alcohol will occur at blood concentrations substantially lower than those of ethanol. Isopropyl alcohol is metabolized to acetone, however acetone produced in the body as a result of uncontrolled diabetes can also be converted to isopropanol.				
Acetone	340	mg/100 g	20	
Acetone is a solvent used for chemicals, paints, etc. It is also a product of diabetic- and fasting-induced ketoacidosis as well as a metabolite following isopropanol ingestion. In high concentrations, acetone can have CNS-depressing effects. Symptoms include lethargy, ataxia, headache, nausea and lightheadedness. Stupor and coma appear in severe cases. Acetone produced in the body as a result of uncontrolled diabetes can also be converted to isopropanol.				
Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)				
Opiates	See Comment	ng/g	80	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Cocaine / Metabolites	See Comment	ng/g	80	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Benzodiazepines	See Comment	ng/g	400	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Cannabinoids	See Comment	ng/g	40	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Amphetamines	See Comment	ng/g	80	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Barbiturates	See Comment	mcg/g	0.16	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Methadone / Metabolite	See Comment	ng/g	100	

Results for sample 18001493-002 are continued on next page



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**Sample ID** 18001493-002  
**Matrix** Tissue  
**Patient Name** 8091TI-POS  
**Patient ID** 8091TI-POS

**Collect Dt/Tm** Not Given  
**Source** Abdominal

Analysis and Comments	Result	Units	Reporting Limit	Notes
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Phencyclidine	See Comment	ng/g	40	
Synonym(s): Angel Dust; PCP; Sherm				
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Methamphetamine / MDMA	See Comment	ng/g	80	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Oxycodone / Oxymorphone	See Comment	ng/g	40	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				

**50010TI Amphetamines Confirmation, Tissue**

Analysis by High Performance Liquid Chromatography/  
 Tandem Mass Spectrometry (LC-MS/MS)

Ephedrine	200	ng/g	20
Pseudoephedrine	200	ng/g	20
Phenylpropanolamine	200	ng/g	20
Synonym(s): Norephedrine; PPA			
Norpseudoephedrine	200	ng/g	20
Synonym(s): Cathine			
Norpseudoephedrine is a metabolite of Pseudoephedrine.			
Amphetamine	200	ng/g	20
Phentermine	200	ng/g	20
Synonym(s): Adipex-P®; Ionamin®; Pro-Fast®			
Methamphetamine	200	ng/g	80
This test reports Methamphetamine as the total of the undifferentiated d and l enantiomers. The ratio of these enantiomers is important in determining whether the source of Methamphetamine is from over the counter medications, prescribed medication or controlled substances.			
MDA	200	ng/g	20

Results for sample 18001493-002 are continued on next page



**Sample ID** 18001493-002  
**Matrix** Tissue  
**Patient Name** 8091TI-POS  
**Patient ID** 8091TI-POS

**Collect Dt/Tm** Not Given  
**Source** Abdominal

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): 3,4-Methylenedioxyamphetamine; Adam; MDMA Metabolite				
MDMA	200	ng/g	20	
Synonym(s): 3,4-Methylenedioxymethamphetamine; Ecstasy				
MDEA	200	ng/g	20	
Synonym(s): 3,4-methylenedioxyethylamphetamine; Eve				

**50011TI Barbiturates Confirmation, Tissue**

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

Butabarbital	100	mcg/g	0.80	
Synonym(s): Butisol Sodium				
Butalbital	100	mcg/g	0.80	
Amobarbital	100	mcg/g	0.80	
Pentobarbital	100	mcg/g	0.80	
Secobarbital	100	mcg/g	0.80	
Synonym(s): Seconal®				
Phenobarbital	100	mcg/g	2.0	
Synonym(s): Luminal®				
No reference data available.				

**50012TI Benzodiazepines Confirmation, Tissue**

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Diazepam	200	ng/g	80	
Synonym(s): Valium®				
Nordiazepam	200	ng/g	80	
Oxazepam	200	ng/g	80	
Synonym(s): Serax®				
Temazepam	200	ng/g	80	
Synonym(s): Normison®; Restoril®				
Clobazam	200	ng/g	80	

Results for sample 18001493-002 are continued on next page



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Sample ID 18001493-002
Matrix Tissue
Patient Name 8091TI-POS
Patient ID 8091TI-POS

Collect Dt/Tm Not Given
Source Abdominal

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include various benzodiazepines like Chlordiazepoxide, Lorazepam, Clonazepam, etc., with their respective results and limits.

50013TI Cannabinoids Confirmation, Tissue

Results for sample 18001493-002 are continued on next page



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Sample ID 18001493-002
Matrix Tissue
Patient Name 8091TI-POS
Patient ID 8091TI-POS

Collect Dt/Tm Not Given
Source Abdominal

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains three main sections: Delta-9 THC analysis, Cocaine and Metabolites Confirmation, and Methadone and Metabolite Confirmation.

Results for sample 18001493-002 are continued on next page



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**Sample ID** 18001493-002  
**Matrix** Tissue  
**Patient Name** 8091TI-POS  
**Patient ID** 8091TI-POS

**Collect Dt/Tm** Not Given  
**Source** Abdominal

Analysis and Comments	Result	Units	Reporting Limit	Notes
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Dihydrocodeine / Hydrocodol - Total	1000	ng/g	100	
Codeine - Total	1000	ng/g	100	
Morphine - Total	1000	ng/g	100	
Hydrocodone - Total	1000	ng/g	100	
Synonym(s): Dicodid®				
Hydromorphone - Total	1000	ng/g	20	
Synonym(s): Dilaudid®; Hydrocodone Metabolite				
Oxycodone - Total	1000	ng/g	100	
Synonym(s): OxyContin®; Roxycodone®				
Oxymorphone - Total	1000	ng/g	20	
Synonym(s): Numorphan®; Opana®; Oxycodone Metabolite				
No reference data available.				
<b>50017TI Phencyclidine Confirmation, Tissue</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Phencyclidine	200	ng/g	20	
Synonym(s): Angel Dust; Sherm; PCP				
No reference data available.				
<b>52250TI Alcohols and Acetone Confirmation, Tissue</b>				
Analysis by Headspace Gas Chromatography (GC)				
Ethanol	Confirmed	mg/100 g	40	
Synonym(s): Ethyl Alcohol				
Methanol	Confirmed	mg/100 g	20	
Synonym(s): Methyl Alcohol				
Isopropanol	Confirmed	mg/100 g	20	
Synonym(s): Isopropyl Alcohol				

Results for sample 18001493-002 are continued on next page





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**Sample ID** 18001493-002  
**Matrix** Tissue  
**Patient Name** 8091TI-POS  
**Patient ID** 8091TI-POS

**Collect Dt/Tm** Not Given  
**Source** Abdominal

<b>Analysis and Comments</b>	<b>Result</b>	<b>Units</b>	<b>Reporting Limit</b>	<b>Notes</b>
Acetone	Confirmed	mg/100 g	20	