



NMS Labs

CONFIDENTIAL

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

Demo Report

Report Issued 04/21/2022 19:45
Last Report Issued 03/03/2022 11:12

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

Patient Name 9145UC-POS
Patient ID 9145UC-POS
Chain 22000054
DOB Not Given
Sex Not Given
Workorder 22000054
Received 01/05/2022

Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for 6-Monoacetylmorphine, 7-Amino Clonazepam, Acetyl Fentanyl, and alpha-PVP.

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Alprazolam Synonym(s): Xanax® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	2.0	
Amphetamine Synonym(s): Adderall; Benzphetamine Metabolite; Methamphetamine Metabolite Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	5.0	
Benzoylcegonine Synonym(s): Cocaine Degradation Product Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	0.50	
Buprenorphine - Free Synonym(s): Buprenex® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	1.0	
Butalbital Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	5.0	
Carisoprodol Synonym(s): Soma® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	5.0	
Chlordiazepoxide Synonym(s): Librium® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	2.0	
Clonazepam Synonym(s): Klonopin® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	2.0	
Cocaethylene Synonym(s): Cocaine/Ethanol By-Product	See Comment	ng/g	0.50	

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include Cocaine, Codeine - Free, Delta-9 Carboxy THC, Delta-9 THC, Desalkylflurazepam, Dextro / Levo Methorphan, Diazepam, Dihydrocodeine / Hydrocodol - Free, and EDDP.

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Ethylone Synonym(s): 1-(1,3-benzodioxol-5-yl)-2-(ethylamino)propan-1-one Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	5.0	
Fentanyl Synonym(s): Duragesic®; Sublimaze® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	0.50	
Flunitrazepam Synonym(s): Rohypnol® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	2.0	
Flurazepam Synonym(s): Dalmane® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	2.0	
Hydrocodone - Free Synonym(s): Vicodin®; Zohydro® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	0.50	
Hydromorphone - Free Synonym(s): Dilaudid®; Hydrocodone Metabolite Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	0.50	
Hydroxytriazolam Synonym(s): Triazolam Metabolite Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	2.0	
Lorazepam Synonym(s): Ativan® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	2.0	
MDA	See Comment	ng/g	5.0	

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include MDEA, MDMA, Meperidine, Meprobamate, Methadone, Methamphetamine, Methylone, and Midazolam, each with associated synonyms and comments.

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include various substances like Morphine, Norbuprenorphine, Nordiazepam, Norfentanyl, Norhydrocodone, Normeperidine, Noroxycodone, O-Desmethyltramadol, and Oxazepam, each with associated comments and reporting limits.

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include Oxycodone - Free, Oxymorphone - Free, Phencyclidine, Phenobarbital, Tapentadol, Temazepam, Tramadol, and Triazolam, each with associated comments and reporting limits.

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Zolpidem Synonym(s): Ambien® Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).	See Comment	ng/g	2.0	

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.

**52341UC Opiates - Free (Unconjugated)
 Confirmation (Qualitative), Umbilical Cord Tissue**

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

6-Monoacetylmorphine - Free Synonym(s): 6-MAM; Heroin Metabolite	Positive	ng/g	0.20	
Codeine - Free	Positive	ng/g	0.50	
Dihydrocodeine / Hydrocodol - Free	Positive	ng/g	0.50	
Hydrocodone - Free Synonym(s): Vicodin®; Zohydro®	Positive	ng/g	0.50	
Hydromorphone - Free Synonym(s): Dilaudid®; Hydrocodone Metabolite	Positive	ng/g	0.50	
Morphine - Free	Positive	ng/g	0.50	
Norhydrocodone	Positive	ng/g	0.50	
Noroxycodone Synonym(s): Oxycodone Metabolite	Positive	ng/g	0.50	
Oxycodone - Free Synonym(s): OxyContin®; Roxicodone®	Positive	ng/g	0.50	
Oxymorphone - Free Synonym(s): Numorphan®; Opana®; Oxycodone Metabolite	Positive	ng/g	0.20	

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.

**52342UC Barbiturates Confirmation (Qualitative),
 Umbilical Cord Tissue**

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for Butalbital, Phenobarbital, and a list of Benzodiazepines (7-Amino Clonazepam, Alprazolam, Chlordiazepoxide, Clonazepam, Desalkylflurazepam, Diazepam, Flunitrazepam, Flurazepam, Hydroxytriazolam, Lorazepam).

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Ativan®				
Midazolam	Positive	ng/g	2.0	
Synonym(s): Versed®				
Nordiazepam	Positive	ng/g	2.0	
Synonym(s): Chlordiazepoxide Metabolite; Diazepam Metabolite				
Oxazepam	Positive	ng/g	2.0	
Synonym(s): Diazepam Metabolite				
Temazepam	Positive	ng/g	2.0	
Synonym(s): Diazepam Metabolite; Normison®				
Triazolam	Positive	ng/g	2.0	
Synonym(s): Halcion®				

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.

52344UC Cannabinoids Confirmation (Qualitative), Umbilical Cord Tissue

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

Delta-9 Carboxy THC	Positive	ng/g	0.10	
Synonym(s): Inactive Metabolite of Delta-9 THC				
Delta-9 THC	Positive	ng/g	0.50	
Synonym(s): Active Ingredient of Marijuana				

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.

52345UC Amphetamines Confirmation (Qualitative), Umbilical Cord Tissue

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

Amphetamine	Positive	ng/g	5.0	
Synonym(s): Benzphetamine Metabolite				
MDA	Positive	ng/g	5.0	

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include MDEA, MDMA, and Methamphetamine with their respective results and reporting limits.

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.

52346UC Novel Psychoactive Substances Confirmation (Qualitative), Umbilical Cord Tissue

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

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include alpha-PVP, Ethylone, and Methylone with their respective results and reporting limits.

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.

52347UC Tapentadol Confirmation (Qualitative), Umbilical Cord Tissue

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

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Row includes Tapentadol with its result and reporting limit.

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.

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for 52348UC Tramadol and Metabolite Confirmation.

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.

52349UC Acetyl Fentanyl Confirmation (Qualitative), Umbilical Cord Tissue

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

Table row for Acetyl Fentanyl: Positive, ng/g, 1.0

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.

52350UC Buprenorphine and Metabolite Confirmation (Qualitative), Umbilical Cord Tissue

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

Table with 2 rows: Buprenorphine - Free (Positive, ng/g, 1.0) and Norbuprenorphine - Free (Positive, ng/g, 1.0)

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.

52351UC Carisoprodol and Metabolite Confirmation (Qualitative), Umbilical Cord Tissue

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for Carisoprodol and Meprobamate.

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.

52352UC Cocaine and Metabolites Confirmation (Qualitative), Umbilical Cord Tissue

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

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for Benzoylecgonine, Cocaethylene, and Cocaine.

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.

52353UC Dextro / Levo Methorphan Confirmation (Qualitative), Umbilical Cord Tissue

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

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for Dextro / Levo Methorphan.

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.

52354UC Fentanyl and Metabolite Confirmation (Qualitative), Umbilical Cord Tissue

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-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)				
Fentanyl Synonym(s): Duragesic®; Sublimaze®	Positive	ng/g	0.50	
Norfentanyl Synonym(s): Fentanyl Metabolite	Positive	ng/g	0.50	

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.

52355UC Meperidine and Metabolite Confirmation (Qualitative), Umbilical Cord Tissue

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

Meperidine Synonym(s): Demerol®	Positive	ng/g	2.0	
Normeperidine Synonym(s): Meperidine Metabolite	Positive	ng/g	2.0	

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.

52356UC Methadone and Metabolite Confirmation (Qualitative), Umbilical Cord Tissue

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

EDDP Synonym(s): Methadone Metabolite	Positive	ng/g	2.0	
Methadone Synonym(s): Dolophine®	Positive	ng/g	2.0	

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.

Results for sample 22000054-001 are continued on next page



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Lab ID 22000054-001
Matrix Umbilical Cord
Patient Name 9145UC-POS
Patient ID 9145UC-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
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52357UC Phencyclidine Confirmation (Qualitative), Umbilical Cord Tissue

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

Phencyclidine	Positive	ng/g	1.0	
Synonym(s): Angel Dust; Sherm; PCP				

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.

52358UC Zolpidem Confirmation (Qualitative), Umbilical Cord Tissue

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

Zolpidem	Positive	ng/g	2.0	
Synonym(s): Ambien®				

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.