NMS Labs
3701 Welsh Road, PO Box 433A, Willow Grove, PA 19090-0437
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Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

CONFIDENTIAL

Demo Report

Report Issued 03/15/2018 10:48
Last Report Issued 01/25/2018 10:16

88888
Clinical Example Report
Attn: IT Department
3701 Welsh Road
Willow Grove, PA 19090

Patient Name 1480B
Patient ID 1480B
Chain 18000125
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 18000125

Received 01/24/2018 09:14

Sample ID 18000125-001
Matrix Blood
Patient Name 1480B
Patient ID 1480B
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
1480B Designer Opioids (2018 Scope), Blood				
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)				
Methoxyacetylfentanyl	None Detected	ng/mL	0.050	
Methoxyacetylfentanyl is a novel non-prescription synthetic opioid.				
4-ANPP	None Detected	ng/mL	0.10	
Synonym(s): Despropionyl fentanyl				
4-ANPP (despropionylfentanyl) is a precursor chemical used in the production of fentanyl/fentanyl related compounds and is also a fentanyl metabolite and may be a metabolite of other fentanyl-related compounds. It is considered to be pharmacologically weak.				
THF-F	None Detected	ng/mL	0.050	
Synonym(s): Tetrahydrofuran fentanyl				
THF-F is a novel non-prescription synthetic opioid.				
meta-Methylmethoxyacetylfentanyl	None Detected	ng/mL	0.050	
Synonym(s): 3-Methylmethoxyacetylfentanyl				

Results for sample 18000125-001 are continued on next page

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Sample ID 18000125-001
Matrix Blood
Patient Name 1480B
Patient ID 1480B

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Meta-Methylmethoxyacetylfentanyl is a novel non-prescription synthetic opioid.				
para-Methylmethoxyacetylfentanyl	None Detected	ng/mL	0.050	
Synonym(s): 4-Methylmethoxyacetylfentanyl				
Para-Methylmethoxyacetylfentanyl is a novel non-prescription synthetic opioid.				
Acryl Fentanyl	None Detected	ng/mL	0.050	
Synonym(s): Acryloylfentanyl				
Acrylfentanyl is a novel non-prescription synthetic opioid.				
para-Fluorofentanyl	None Detected	ng/mL	0.050	
Synonym(s): 4-Fluorofentanyl				
Para-Fluorofentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: Meta-fluorofentanyl				
ortho-Fluorofentanyl	None Detected	ng/mL	0.050	
Synonym(s): 2-Fluorofentanyl				
Ortho-Fluorofentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: ortho-fluorobutyrylfentanyl impurity				
2-Furanylfentanyl	None Detected	ng/mL	0.050	
Synonym(s): Fu-F, Furanylfentanyl				
2-Furanylfentanyl is a novel non-prescription synthetic opioid.				
U-47700	None Detected	ng/mL	0.050	
Synonym(s): U-4				
U-47700 is a novel non-prescription synthetic opioid.				
U-49900	None Detected	ng/mL	0.050	
U-49900 is a novel non-prescription synthetic opioid.				
U-51754	None Detected	ng/mL	0.050	

Results for sample 18000125-001 are continued on next page

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Sample ID 18000125-001
Matrix Blood
Patient Name 1480B
Patient ID 1480B

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
U-51754 is a novel non-prescription synthetic opioid.				
Carfentanil	None Detected	ng/mL	0.050	
Synonym(s): Wildnil®, Carfentanyl				
Carfentanil is an opioid analgesic used to immobilize large animals. It is not approved for human use.				
Cyclopropylfentanyl	None Detected	ng/mL	0.050	
Cyclopropylfentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: Crotonylfentanyl impurity				
trans-3-Methylfentanyl	None Detected	ng/mL	0.050	
Trans-3-Methylfentanyl is a novel non-prescription synthetic opioid. Trans-3-methylfentanyl is typically found in combination with its isomer, cis-3-methylfentanyl. Substance(s) known to interfere with the identity and/or quantity of the reported result: crotonyl fentanyl				
cis-3-Methylfentanyl	None Detected	ng/mL	0.050	
Cis-3-Methylfentanyl is a novel non-prescription synthetic opioid. Cis-3-methylfentanyl is typically found in combination with its isomer, trans-3-methylfentanyl.				
Isobutyrylfentanyl	None Detected	ng/mL	0.050	
Synonym(s): Isobutyrfentanyl				
Isobutyrylfentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: beta-methylfentanyl				
Butyrylfentanyl	None Detected	ng/mL	0.050	
Synonym(s): Butyrfentanyl				
Butyrylfentanyl is a novel non-prescription synthetic opioid.				
para-Fluoroisobutyrylfentanyl	None Detected	ng/mL	0.050	
Synonym(s): FIBF, 4F-Isobutyrylfentanyl				

Results for sample 18000125-001 are continued on next page

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Matrix Blood
Patient Name 1480B
Patient ID 1480B

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
FIBF is a novel non-prescription synthetic opioid.				
para-Fluorobutyrylfentanyl	None Detected	ng/mL	0.050	
Synonym(s): 4F-butyryl fentanyl				
Para-fluorobutyrylfentanyl is a novel non-prescription synthetic opioid. Substance(s) known to interfere with the identity and/or quantity of the reported result: meta-fluorobutyryl fentanyl				
Valeryl Fentanyl	None Detected	ng/mL	0.050	
Synonym(s): Pentylfentanyl				
Valeryl fentanyl is a novel non-prescription synthetic opioid.				