



NMS Labs

CONFIDENTIAL

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

Demo Report

Report Issued 10/28/2014 09:06
Last Report Issued 06/25/2014 12:50

88888

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

Patient Name 4047SP-POS
Patient ID 4047SP-POS
Chain 14001798
Age Not Given DOB Not Given
Gender Not Given
Workorder 14001798
Received 06/25/2014 12:48

Sample ID 14001798-001
Matrix Serum or Plasma
Patient Name 4047SP-POS
Patient ID 4047SP-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

4047SP Pyrrolidinophenone Panel, Serum/Plasma

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

Table row for MDPPP: MDPPP 5000 ng/mL 5.0 ELEVATED

Synonym(s): 3',4'-Methylenedioxy-alpha-pyrrolidinopropiophenone

MDPPP is a psychoactive stimulant of the pyrrolidinophenone series that is structurally related to pyrovalerone and alpha PVP. In general, psychoactive stimulants have temporary effects on the psychoneurotic system. In addition, they seem to have a much higher tendency to cause side effects such as paranoia, hallucinations, and schizophrenic or psychosis like symptoms.

Toxicology results from an 18 year old man who presented to the ER after smoking 'Spice' with severe agitation, hallucinations, and prolonged psychosis showed cannabicyclohexanol in serum and MDPPP,

Results for sample 14001798-001 are continued on next page



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Sample ID 14001798-001
Matrix Serum or Plasma
Patient Name 4047SP-POS
Patient ID 4047SP-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include MeOPPP, MPBP, and Pyrovalerone with detailed analysis comments and results (5000 ng/mL, 5.0 limit, ELEVATED).

Results for sample 14001798-001 are continued on next page



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Sample ID 14001798-001
Matrix Serum or Plasma
Patient Name 4047SP-POS
Patient ID 4047SP-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains entries for Pyrovalerone and Naphyrone with detailed descriptions and results.

Results for sample 14001798-001 are continued on next page



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Sample ID 14001798-001
Matrix Serum or Plasma
Patient Name 4047SP-POS
Patient ID 4047SP-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
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MPHP is a psychoactive stimulant of the pyrrolidinophenone series that is structurally related to pyrovalerone and alpha PVP. In general, psychoactive stimulants have temporary effects on the psychoneurotic system. In addition, they seem to have a much higher tendency to cause side effects such as paranoia, hallucinations, and schizophrenic or psychosis like symptoms.

A 27 year old man who was admitted to the hospital with agitation and concomitant foot fractures from jumping out a window had reportedly snorted a powder believed to be cocaine; MPHP was found to be present in the serum at approximately 100 ng/mL.

Some pyrrolidinophenones are known to have limited stability in biological specimens related to pH, collection tube, and storage temperature. Results are those obtained at the time of analysis. Negative results should be interpreted with caution.