



FACTUAL REPORT ATTACHMENT

Honda Driver's Toxicology Results

Melbourne, FL

HWY24FH002

(5 pages)

Patient: PHILLIPS, CHARLES

Age: 62

Sex: M

Client Patient ID: [REDACTED]

Account #: [REDACTED]

Physician: Qaiser, Sajid MD

Client: Dist 18 Medical Examiner

TOXICOLOGY

Specimen Collected: 01/11/24

Lab Order No: [REDACTED]

Reg Date: 01/11/24

Test Name	Result	Units	Cutoff/ Reporting Limits
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VOLATILE PANEL-VOLP

SPECIMEN TYPE	ILIAC BLOOD		
ETHANOL	NONE DETECTED	g/dL	0.010
ACETONE	NONE DETECTED	mg/dL	7.5
METHANOL	NONE DETECTED	mg/dL	15.0
ISOPROPANOL	NONE DETECTED	mg/dL	15.0

Analysis by Gas Chromatography (GC) Headspace Injection

BLOOD DRUG SCREEN-BDSME

SPECIMEN TYPE	ILIAC BLOOD
GC/MS	
	N,N-DIMETHYLPENTYLONE, CAFFEINE, NICOTINE METABOLITE
LC/MS/MS	
	N,N-DIMETHYLPENTYLONE, PENTYLONE, CAFFEINE, CAFFEINE METABOLITE

BLOOD IMMUNOASSAY SCREEN

AMPHETAMINES	NEGATIVE	mg/L	0.100
Screening for amphetamines performed by LC/MS/MS			
Level of detection 0.001 mg/L			
BARBITURATES	NEGATIVE	mg/L	0.100
Screening for barbiturates performed by GC/MS			
Level of detection 0.050 mg/L			
BENZODIAZEPINES	NEGATIVE	mg/L	0.050
Screening for benzodiazepines performed by LC/MS/MS			
Level of detection 0.100 mg/L			
BUPRENORPHINE	NEGATIVE	mg/L	0.001
Screening for buprenorphine performed by LC/MS/MS			
Level of detection 0.012 mg/L			
CANNABINOIDS			
Screening result suggests the need for further testing.			

Toxicology Report

PHILLIPS, CHARLES

Printed: 02/26/24 0718

Patient: **PHILLIPS, CHARLES**
Client Patient ID: [REDACTED]
Physician: Kaiser, Sajid MDAge: 62 Sex: M
Account #: [REDACTED]
Client: Dist 18 Medical Examiner**TOXICOLOGY**

Specimen Collected: 01/11/24

Lab Order No: [REDACTED]

Reg Date: 01/11/24

Test Name	Result	Units	Cutoff/ Reporting Limits
Screening for cannabinoids performed by LabCorp Laboratories			
COCAINE METABOLITE	NEGATIVE	mg/L	0.100
Screening for cocaine and metabolite performed by LC/MS/MS			
Level of detection 0.006 mg/L			
FENTANYL	NEGATIVE	mg/L	0.001
Screening for fentanyl and metabolite performed by LC/MS/MS			
Level of detection 0.001 mg/L			
OPIATES	NEGATIVE	mg/L	0.050
Screening for opiates performed by LC/MS/MS			
Level of detection 0.050 mg/L			

MISCELLANEOUS TEST - TXMIS**SPECIMEN TYPE**

ILIAC BLOOD

MISCELLANEOUS TEST

N,N-DIMETHYLPENTYLONE AND PENTYLONE

N,N-Dimethylpentylone = 83 ng/mL
Synonym(s): Dipentylone; bk-DMBDP

Reporting limit is 10 ng/mL

N,N-dimethylpentylone is classified as a synthetic stimulant and belongs to beta-ketomethylenedioxyamphetamine subclass, which includes synthetic stimulant such as methylone, Methpentylone, and eutylone. This subclass of novel psychoactive substances (NPS) features analytes that are chemical hybrids of MDMA and cathinone. Like amphetamines, these novel substances have been reported to exhibit similar stimulant-like effects (i.e. tachycardia, agitation, etc). Pentylone, another synthetic stimulant, may be present as a metabolite of N,N-dimethylpentylone. In a postmortem case series (n=18), N,N-dimethylpentylone blood concentrations ranged from 3.3-970 ng/mL, with average and median blood concentrations of 227 +/- 283 and 145 ng/mL, respectively. Associated pentylone blood concentrations ranged from 1.3-420 ng/mL, with average and median concentrations of 88

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TOXICOLOGY

Specimen Collected: 01/11/24

Lab Order No: [REDACTED]

Reg Date: 01/11/24

Test Name	Result	Units	Cutoff/ Reporting Limits
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+/- 127 and 31, respectively.

Pentylone = 23 ng/mL

Synonym(s): beta-keto-Methylbenzodioxolylpentanamine;
bk-MBDP; bkMethyl-K

Reporting limit is 10 ng/mL

Pentylone is a synthetic stimulant that is sold recreationally as a novel psychoactive substance (NPS). It is abused for its perceived 'ecstasy like' effects of euphoria, excitement and alertness. Synthetic stimulant users report psychological, cardiovascular, and neurological sympathomimetic symptoms, with effects ranging from tachycardia, vasoconstriction, seizures, agitation, aggression, and psychosis. Pentylone is also a metabolite of stimulant N,N-dimethylpentylone.

Testing performed by AXIS Forensic Toxicology, 5780 W 71 St,
Indianapolis, IN 46278

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Age: 62

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Client Patient ID: [REDACTED]

Account #: [REDACTED]

Physician: Kaiser, Sajid MD

Client: Dist 18 Medical Examiner

TOXICOLOGY

Specimen Collected: 01/11/24

Lab Order No: [REDACTED]

Reg Date: 01/11/24

Test Name	Result	Units	Cutoff/ Reporting Limits
URINE DRUG SCREEN COMPREHENSIVE-UDSME			
SPECIMEN TYPE	URINE		
IMMUNOASSAY SCREEN			
AMPHETAMINES	NEGATIVE	mg/L	0.500
BARBITURATES	NEGATIVE	mg/L	0.200
BENZODIAZEPINES	NEGATIVE	mg/L	0.200
COCAINE METABOLITE	NEGATIVE	mg/L	0.150
MDMA/MDA	Unable to report interfering substance(s) present.		
METHADONE	NEGATIVE	mg/L	0.300
METHAQUALONE	NEGATIVE	mg/L	0.300
OPIATES	NEGATIVE	mg/L	0.300
OXYCODONE	NEGATIVE	mg/L	0.100
PHENCYCLIDINE	NEGATIVE	mg/L	0.025
PROPOXYPHENE	NEGATIVE	mg/L	0.300
CANNABINOIDS	*POSITIVE*	mg/L	0.050
TRICYCLICS	NEGATIVE	mg/L	0.300

Specimens were intact upon receipt. Chain of custody, specimen security and integrity has been maintained. [REDACTED]

Reviewed by: [REDACTED]

Date: 2/26/2024

FINAL REPORT - THIS COMPLETES REPORTING ON THIS CASE

Toxicology Report

PHILLIPS, CHARLES

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