

Cuyahoga County Regional Forensic Science Laboratory
11001 Cedar Avenue, Cleveland, OH 44106



TOXICOLOGY LABORATORY FINAL REPORT

Report Date: 07/25/2022
 CCRFSL Case: 2022-004919
 Agency Case: IN2022-01026
 Agency Representative: Thomas Gilson

Individual: Eskridge, Demond Lebron
 Submitting Agency: Cuyahoga County Medical Examiners Office
 Address: 11001 Cedar Avenue, Cleveland, OH 44106

Specimen(s) Received

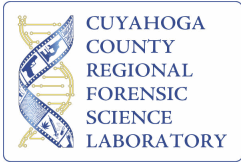
Lab Item #	Description	Receipt/Accessioning Date
013	Femoral Blood 1	06/07/2022
014	Heart Blood 1	06/07/2022
015	Urine 1	06/07/2022
016	Bile 1	06/07/2022
017	Vitreous Humor 1	06/07/2022
018	Vitreous Humor 2	06/07/2022
019	Gastric Contents	06/07/2022
020	Long Term Storage 1	06/07/2022
021	Long Term Storage 2	06/07/2022
022	Liver 1	06/07/2022
023	Brain 1	06/07/2022

Item: 013: Femoral Blood 1

Drug Group/Class	Result	Quantitation
Basic Drugs by GC/MS		
Anhydroecgonine methyl ester	Positive	
Ecgonine methyl ester	Positive	
Cotinine	Positive	
Cannabinoids Confirmation by LC-MS/MS		
Delta-9-THC	Positive	3.8 ± 0.6 ng/mL
Cocaine/Metabolites Confirmation by GC/MS		
Cocaine	Positive	250 ± 33 ng/mL
Benzoylecgonine	Positive	2189 ± 329 ng/mL
ELISA		
SEE CONFIRMATION		
Volatiles Screening and Confirmation by GC/FID		
None Detected		

Item: 015: Urine 1

Drug Group/Class	Result	Quantitation
Amines Confirmation by LC-MS/MS		
Quantity Not Sufficient		
Basic Drugs by GC/MS		
Nicotine	Positive	



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Cotinine	Positive	
Anhydroecgonine methyl ester	Positive	
Ecgonine methyl ester	Positive	
Norcocaine	Positive	
Cocaine	Positive	
Cocaethylene	Positive	
Benzoylecgonine	Positive	

COMMENTS:

All laboratory activities related to this case were completed between the date the evidence was received, as noted in this report, and the report's issue date. Specific activity dates are maintained in the case file for this case.

The result(s) in this report relate only to the items tested. Other specimens received will be held with the case (not tested).

'None Detected/Not Performed' in ELISA testing indicates that there were no positive signals in the ELISA (confirmation testing not performed).

Where quantitative results have been provided, method uncertainty is determined at a CL of 95.45%. 'Mass Spectrum Match Only' denotes the finding has not been confirmed against the retention time of a reference standard.

Specimens submitted for this case will be held for one year prior to disposal. Please notify Toxicology if the specimens are to be held for a longer period of time.

This report shall not be reproduced, except in full, and with written approval of the Cuyahoga County Regional Forensic Science Laboratory.

Chief Toxicologist

Luigino Apollonio Ph.D.



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Analysis Summary

VOLATILES SCREENING AND CONFIRMATION by GC/FID: Ethanol, Methanol, Acetone, Isopropanol. **VOLATILES by GC/MS:** includes (but not limited to) Acetaldehyde, Acetone, Chloroform, Dichloromethane, Ethanol, Ethyl Acetate, Isopropanol, Methanol, Toluene

ACIDIC/NEUTRAL DRUGS by GC/MS and GC/FID: Butalbital, Caffeine, Carbamazepine, Carisoprodol, Ibuprofen, Levetiracetam, Meprobamate, Metaxalone, Pentobarbital, Phenobarbital, Phenytoin

CARBON MONOXIDE by CO-Oximetry: Carbon Monoxide (Carboxyhemoglobin)

GLYCOLS CONFIRMATION by GC/MS: Ethylene Glycol, Propylene Glycol

GABAPENTIN/PREGABALIN CONFIRMATION by LC-MS/MS: Gabapentin, Pregabalin

ELISA (Enzyme-Linked Immunosorbent Assay) SCREEN: **Amphetamine** (Target = d-Amphetamine); **Barbiturates** (Target = Pentobarbital); **Benzodiazepines** (Target = Alprazolam); **Cannabinoids** (Target = 11-nor- Δ -9-THC-COOH (marijuana metabolite)); **Carisoprodol** (Target = Carisoprodol); **Cocaine Metabolite** (Target = Benzoylecgonine); **Fentanyl** (Target = Fentanyl); **Methamphetamine** (Target = d-Methamphetamine); **Oxycodone** (Target = Oxycodone); **Phencyclidine** (Target = Phencyclidine); **Tricyclic Antidepressants** (Target = Nortriptyline); **Methadone** (Target = Methadone); **Opiates** (Target = Morphine); **Zolpidem** (Target = Zolpidem); **Buprenorphine** (Target = Buprenorphine)

BASIC DRUGS by GC/MS (screening and confirmation): includes common antidepressants, opioids/narcotic analgesics, CNS stimulants, antipsychotics, antiarrhythmics, dissociative anesthetics, antihistamines, hypnotics/sedatives/anxiolytics, muscle relaxants, cathinones, and other agents

ACETAMINOPHEN and SALICYLATES SCREEN by Colorimetry (Qualitative): Acetaminophen, Salicylates

PHENCYCLIDINE (PCP) CONFIRMATION by GC/MS: Phencyclidine

CLINICAL CHEMISTRIES: Sodium, Potassium, Chloride, Glucose, Urea (as VUN), Creatinine, Magnesium, Calcium, Lactate

COCAINE AND METABOLITES CONFIRMATION by GC/MS: Benzoylecgonine, Cocaine, Cocaethylene

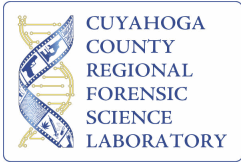
CANNABINOIDS CONFIRMATION by LC-MS/MS: Δ 9-THC, 11-OH- Δ 9-THC (marijuana metabolite), 11-nor- Δ 9-THC-COOH (marijuana metabolite).
CANNABINOIDS CONFIRMATION by GC/MS: TOTAL 11-nor- Δ 9-THC-COOH (marijuana metabolite)

OPIOIDS CONFIRMATION by GC/MS: Morphine, 6-Acetylmorphine (heroin metabolite), Codeine, Hydrocodone, Dihydrocodeine, Hydromorphone, Oxycodone, Oxycodone

BENZODIAZEPINES CONFIRMATION by LC-MS/MS: (\pm)-Zopiclone, 2-Hydroxyethylflurazepam, 3-Hydroxyflunitrazepam, 4-Hydroxyalprazolam, 7-Aminoclonazepam, 7-Aminoflunitrazepam, Alprazolam, Bromazepam, Clobazam, Clonazepam, Clonazepam, Delorazepam, Deschloroetizolam, Diazepam, Diclazepam, Estazolam, Etizolam, Flualprazolam, Flubromazepam, Flubromazepam, Flunitrazepam, Flunitrazepam, Flurazepam, Lorazepam, Lormetazepam, Meclonazepam, Methylclonazepam, Midazolam, *N*-Desalkylflurazepam, *N*-Desmethylclobazam, *N*-Desmethylflunitrazepam, Nitrazepam, Nitrazepam, Nordiazepam, Oxazepam, Phenazepam, Temazepam, Triazolam, Zaleplon, Zolpidem, α -Hydroxyalprazolam, α -Hydroxymidazolam and α -Hydroxytriazolam

AMINES CONFIRMATION by LC-MS/MS analysis: (\pm)-Amphetamine, beta-Phenethylamine, 3,4-Methylenedioxy-*N*-ethylamphetamine (MDEA), (\pm)-Methamphetamine, Methylenedioxymphetamine (MDA), Methylenedioxymphetamine (MDMA), Phentermine, Ephedrine/Pseudoephedrine

FENTANYL and ANALOGUES CONFIRMATION by LC-MS/MS: *N*-Methyl norfentanyl, Norfentanyl, Norcarfentanil, AP-238, 2MAP-237, Methoxyacetyl fentanyl, Acetyl fentanyl, Beta-hydroxy fentanyl, Benzyl fentanyl, THF fentanyl, 4-ANPP, p-Methoxyacetyl fentanyl, Acryl fentanyl, Alfentanil, Fentanyl, *para*-Fluoro acryl fentanyl, *para*-Fluoro fentanyl, Cyclopropyl fentanyl, 2-Furanyl fentanyl, Fentanyl carbamate, (\pm)-*trans*-3-Methylfentanyl, Crotonyl fentanyl, Carfentanil, (\pm)-*cis*-3-Methylfentanyl, Butyryl fentanyl, *para*-Fluoroisobutyryl fentanyl (FIBF), Sufentanil, Phenyl fentanyl, Cyclopentyl fentanyl, *para*-Fluorofuranyl fentanyl, Valeryl fentanyl, Isobutyryl fentanyl, Thiophene fentanyl, Isovaleryl fentanyl; plus Metonitazene, Brorphine, Isotonitazene, Protonitazene



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SENT TO REFERENCE LABS: Synthetic Cannabinoids, Cathinones, Cyanide, GHB, LSD, Psilocin, Valproic Acid, heavy metals (Antimony, Arsenic, Lead, Barium, Cadmium, Bismuth, Mercury, Selenium), or any other compounds not listed above

ABBREVIATIONS: UNS = Specimen unsuitable for testing; QNS = Quantity insufficient for analysis; < = less than; > = greater than; LRL = Lower reporting limit; C.L. = Confidence Level

UNITS FOR VOLATILES: 100 mg/dL = 0.100 g/dL = 0.100 g/%. **UNITS:** 1 mg/L = 1000 µg/L = 1000 ng/mL