

## Laboratory Test Results

<b>Patient Name:</b>	JOSEPH CASTRO	<b>Accession #:</b>	492644
<b>Patient DOB:</b>	1/30/1983	<b>Specimen ID #:</b>	GRL565524
<b>Provider Name:</b>	Carly Greene	<b>Collect Date:</b>	12/4/2025 @ 5:17 PM
<b>Provider NPI:</b>	1619250552	<b>Received Date:</b>	12/17/2025
<b>Collector:</b>		<b>Report Date:</b>	12/19/2025
<b>Facility:</b>	Empower Recovery Homes	<b>Specimen Type:</b>	Urine

### Patient Snapshot

Consistent Results - Reported Medication Detected				
Medication	Expected Positive(s)	Result	Outcome	Notes
Nicotine	Cotinine (Nicotine)	>2000 ng/mL	<b>DETECTED</b>	Cotinine is a metabolite of Nicotine, its detection is consistent with Nicotine use in the previous 4 days.
Buprenorphine-Naloxone	Buprenorphine	>400 ng/mL	<b>DETECTED</b>	The presence of Buprenorphine is consistent with use in the previous 7 days. Buprenorphine is metabolized into Norbuprenorphine. Levels greater than 700 ng/mL suggest possible pill shaving or spiking. Clinical correlation is advised.
	Norbuprenorphine	>400 ng/mL	<b>DETECTED</b>	Norbuprenorphine is a metabolite of Buprenorphine, its detection is consistent with Buprenorphine use in the previous 7 days.
	Naloxone	Not Detected	<b>NOT DETECTED</b>	The presence of Naloxone is consistent with use in the previous 3 days.

Inconsistent Results - Reported Medication Not Detected				
Medication	Expected Positive(s)	Result	Outcome	Notes
N/A	N/A	N/A	N/A	N/A

Inconsistent Results - Not Prescribed But Detected			
Detected Analyte	Result	Test Outcome	Notes
N/A	N/A	N/A	N/A

Specimen Validity Testing				Reported Medication(s)
Test	Outcome	Result	Range	
Urine Creatinine (mg/dL)	Normal	295.8	>20	Buprenorphine-Naloxone (Suboxone, Zubsolv), Nicotine ()
pH	Normal	5.4	4.5 - 8.0	
<b>Specific Gravity (g/mL)</b>	<b>ABNORMAL</b>	<b>&gt;1.03</b>	<b>1.003 - 1.020</b>	

Patient Testing History							
12/4/2025							
GRL565524							
Creat: 295.8 mg/dL							
Test	Result	Test	Result	Test	Result	Test	Result
Cotinine (Nicotine)	>2000 ng/mL						
Buprenorphine	>400 ng/mL						
Norbuprenorphine	>400 ng/mL						

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Confirmatory Test(s) (LC-MS/MS Method)							
Test	Result (ng/mL)	Cutoff (ng/mL)	Outcome	Test	Result (ng/mL)	Cutoff (ng/mL)	Outcome
<b>ALCOHOL / NICOTINE</b>				<b>NATURAL CANNABINOIDS</b>			
Ethyl Glucuronide (EtG)	ND	500	Consistent	THC metabolite	ND	50	Consistent
Ethyl Sulfate (EtS)	ND	200	Consistent	<b>OPIOID AGONISTS</b>			
Cotinine (Nicotine)	>2000	50	Consistent	Acetyl Fentanyl	ND	5	Consistent
<b>ANTIDEPRESSANTS</b>				Buprenorphine	>400	10	Consistent
Citalopram/Escitalopram	ND	20	Consistent	Norbuprenorphine	>400	10	Consistent
Desipramine	ND	20	Consistent	Carfentanil	ND	2	Consistent
Doxepin	ND	20	Consistent	Norcarfentanil	ND	5	Consistent
Duloxetine	ND	50	Consistent	Codeine	ND	50	Consistent
Fluoxetine	ND	20	Consistent	Dihydrocodeine	ND	50	Consistent
Hydroxybupropion	ND	20	Consistent	Dextromethorphan	ND	20	Consistent
mCPP (Trazodone)	ND	100	Consistent	Dextroprhan/Levorphanol	ND	20	Consistent
Mirtazapine	ND	50	Consistent	Norfentanyl	ND	10	Consistent
Nortriptyline	ND	20	Consistent	Fluorofentanyl	ND	5	Consistent
O-desmethylvenlafaxine	ND	20	Consistent	Fentanyl	ND	3	Consistent
Paroxetine	ND	20	Consistent	Hydrocodone	ND	50	Consistent
Sertraline	ND	50	Consistent	Norhydrocodone	ND	100	Consistent
Vortioxetine	ND	10	Consistent	Hydromorphone	ND	50	Consistent
<b>ANTIPSYCHOTICS</b>				Isotonitazene	ND	1	Consistent
Dehydroaripiprazole	ND	20	Consistent	Normeperidine	ND	10	Consistent
Haloperidol	ND	20	Consistent	Methadone	ND	20	Consistent
Hydroxyrisperidone	ND	10	Consistent	EDDP	ND	50	Consistent
Lurasidone	ND	50	Consistent	Morphine	ND	50	Consistent
Lurasidone-OH	ND	50	Consistent	Oxycodone	ND	50	Consistent
Olanzapine	ND	50	Consistent	Noroxycodone	ND	50	Consistent
Quetiapine	ND	50	Consistent	Oxymorphone	ND	50	Consistent
Ziprasidone	ND	10	Consistent	Tapentadol	ND	50	Consistent
<b>BENZODIAZEPINES</b>				Tianeptine	ND	1	Consistent
7-aminoclonazepam	ND	50	Consistent	O-desmethyltramadol	ND	100	Consistent
8-aminoclonazolam	ND	50	Consistent	<b>OPIOID ANTAGONISTS</b>			
a-hydroxyalprazolam	ND	50	Consistent	6B-Naltrexol	ND	50	Consistent
a-hydroxyetizolam	ND	50	Consistent	Nalmefene	ND	50	Consistent
a-hydroxymidazolam	ND	50	Consistent	Naloxone	ND	100	Consistent
a-hydroxytriazolam	ND	50	Consistent	<b>SEDATIVES / HYPNOTICS</b>			
Flualprazolam	ND	50	Consistent	Carboxyzolpidem	ND	5	Consistent
Lorazepam	ND	50	Consistent	Butalbital	ND	200	Consistent
Nordiazepam	ND	50	Consistent	N-desmethylzopiclone	ND	20	Consistent
Oxazepam	ND	50	Consistent	Phenibut	ND	10	Consistent

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<b>Patient Name:</b> JOSEPH CASTRO	<b>Accession #:</b> 492644
<b>Patient DOB:</b> 1/30/1983	<b>Specimen ID #:</b> GRL565524
<b>Provider Name:</b> Carly Greene	<b>Collect Date:</b> 12/4/2025 @ 5:17 PM
<b>Provider NPI:</b> 1619250552	<b>Received Date:</b> 12/17/2025
<b>Collector:</b>	<b>Report Date:</b> 12/19/2025
<b>Facility:</b> Empower Recovery Homes	<b>Specimen Type:</b> Urine

Substance	Result	Conc.	Units	Status	Substance	Result	Conc.	Units	Status
Temazepam	ND	50		Consistent	Xylazine	ND	1		Consistent
<b>DISSOCIATIVE AGENTS</b>					<b>SKELETAL MUSCLE RELAXANTS</b>				
3-Chloro-PCP	ND	10		Consistent	Baclofen	ND	50		Consistent
Norketamine	ND	10		Consistent	Carisoprodol	ND	100		Consistent
<b>GABAPENTINOIDS</b>					Meprobamate	ND	100		Consistent
Gabapentin	ND	500		Consistent	Cyclobenzaprine	ND	20		Consistent
Pregabalin	ND	250		Consistent	Methocarbamol	ND	50		Consistent
<b>ILLICIT DRUGS</b>					Tizanidine	ND	25		Consistent
6-MAM (Heroin)	ND	10		Consistent	<b>STIMULANTS</b>				
Amphetamine	ND	100		Consistent	Benzylone	ND	20		Consistent
Benzoylcegonine (Cocaine)	ND	100		Consistent	Eutylone	ND	10		Consistent
MDMA (Ecstasy / Molly)	ND	50		Consistent	MDA	ND	50		Consistent
Methamphetamine	ND	50		Consistent	Phentermine	ND	50		Consistent
Phencyclidine (PCP)	ND	20		Consistent	Ritalinic Acid	ND	20		Consistent
<b>KRATOM</b>					<b>SYNTHETIC CANNABINOIDS</b>				
Mitragynine (Kratom)	ND	10		Consistent	5F-MDMB-PICA	ND	10		Consistent
<b>NATURAL CANNABINOIDS</b>					ADB-BUTINACA	ND	10		Consistent
CBD metabolite	ND	20		Consistent	MDMB-4en-PINACA	ND	10		Consistent

The confirmation test is intended to be performed for the detection of pharmaceuticals and drugs of abuse in urine from patients as recommended for testing by their healthcare provider. Clinical correlation with patient history and other diagnostic information is necessary to evaluate status with prescribed therapies. The test is performed in CLIA certified high-complexity laboratories. This test is not cleared, CLIA waived, approved, or subject to an approved investigational device exemption.

Where provided, the window of detection represents an estimation based on currently available literature. Window of detection may be impacted by medical status of the patient, urinary pH, administered dose, route of administration, acute or chronic use, and drug interactions. Furthermore, the window of detection may be impacted by the sensitivity of the method and established cut off values. Clinical correlation is advised.

**Medication(s) Prescribed But Not Tested**

**Comments**  
 LSD not tested at this time

**Lab Director**  
 Michelle Taylor, DO Lab Director NPI: 1033438296