**Prescribed Medications:** Adderall (Amphetamine), Alprazolam, Hydrocodone

### Prescribed Results Summary

<table>
<thead>
<tr>
<th>TEST NAME</th>
<th>OUTCOME</th>
<th>DETERMINATION</th>
<th>DETECTION WINDOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amphetamine</td>
<td>POSITIVE</td>
<td>CONSISTENT</td>
<td>1-3 days</td>
</tr>
<tr>
<td>Alprazolam</td>
<td>POSITIVE</td>
<td>CONSISTENT</td>
<td>2-4 days</td>
</tr>
<tr>
<td>Alpha-HydroxyAlprazolam</td>
<td>POSITIVE</td>
<td>CONSISTENT</td>
<td>3-5 days</td>
</tr>
<tr>
<td>Hydrocodone</td>
<td>POSITIVE</td>
<td>CONSISTENT</td>
<td>2-3 days</td>
</tr>
<tr>
<td>Dihydrocodeine</td>
<td>POSITIVE</td>
<td>CONSISTENT</td>
<td>No data available.</td>
</tr>
<tr>
<td>Hydromorphone</td>
<td>POSITIVE</td>
<td>CONSISTENT</td>
<td>2-3 days</td>
</tr>
<tr>
<td>Norhydrocodone</td>
<td>POSITIVE</td>
<td>CONSISTENT</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

### Unprescribed Drug(s) Found

<table>
<thead>
<tr>
<th>DETECTED ANALYTE</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

### Result History

<table>
<thead>
<tr>
<th>Date</th>
<th>ID</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/02/2017</td>
<td>1710020115</td>
<td>Unprescribed Drug Found</td>
</tr>
<tr>
<td>17/02/2017</td>
<td></td>
<td>Prescribed Not Found</td>
</tr>
<tr>
<td>17/02/2017</td>
<td></td>
<td>Prescribed/Consistent</td>
</tr>
</tbody>
</table>

### Specimen Validity Testing

<table>
<thead>
<tr>
<th>TEST</th>
<th>RESULTS</th>
<th>FLAG</th>
<th>EXPECTED RESULTS</th>
<th>TEST</th>
<th>RESULTS</th>
<th>FLAG</th>
<th>EXPECTED RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creatinine</td>
<td>123</td>
<td>NORMAL</td>
<td>20 - 300 mg/dL</td>
<td>Specific Gravity</td>
<td>1.023</td>
<td>NORMAL</td>
<td>1.003 - 1.035</td>
</tr>
</tbody>
</table>

### Immunoassay Screen Report

<table>
<thead>
<tr>
<th>DRUG</th>
<th>RESULTS</th>
<th>CUTOFF</th>
<th>DRUG</th>
<th>RESULTS</th>
<th>CUTOFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amphetamines</td>
<td>POSITIVE</td>
<td>1000 ng/mL</td>
<td>Barbiturates</td>
<td>Negative</td>
<td>200 ng/mL</td>
</tr>
<tr>
<td>Benzodiazepines</td>
<td>POSITIVE</td>
<td>200 ng/mL</td>
<td>THC</td>
<td>Negative</td>
<td>50 ng/mL</td>
</tr>
<tr>
<td>Cocaine Metabolite</td>
<td>Negative</td>
<td>300 ng/mL</td>
<td>Methadone</td>
<td>Negative</td>
<td>300 ng/mL</td>
</tr>
<tr>
<td>Opiates</td>
<td>POSITIVE</td>
<td>300 ng/mL</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Comments:

- 007

### COMPREHENSIVE CONFIRMATION

<table>
<thead>
<tr>
<th>Test Screen</th>
<th>Test Outcome</th>
<th>Measured Results *</th>
<th>Creatinine Normalized**</th>
<th>Cutoff</th>
<th>Determination</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMPHETAMINES</td>
<td>Methamphetamine</td>
<td>Not Detected</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Amphetamine</td>
<td>POSITIVE</td>
<td>1544</td>
<td>1255.3</td>
<td>200</td>
<td>CONSISTENT</td>
</tr>
<tr>
<td>BENZODIAZEPINES</td>
<td>Alprazolam</td>
<td>POSITIVE</td>
<td>156</td>
<td>126.8</td>
<td>50</td>
<td>CONSISTENT</td>
</tr>
</tbody>
</table>

Detection windows may be extended depending upon individual metabolism, the nature of the drug, and the dosage. The results given are for clinical diagnostic purpose only. The lab performs all confirmations by LC-MS/MS and screens by either EIA or ELISA.
# Oxazepam (Not Detected) 100
- Oxazepam: This metabolite is not detected.

## Clonazepam (Not Detected) 50
- Clonazepam: Not detected.

### Alpha-HydroxyAlprazolam (POSITIVE) 145 117.9 50 CONSISTENT
- **ALPRAZOLAM**: Alpha-HydroxyAlprazolam is a metabolite of Alprazolam (Xanax). The detection of Alpha-HydroxyAlprazolam is consistent with prescribed Alprazolam.

## Flunitrazepam (Not Detected) 100
- Flunitrazepam: Not detected.

### OPIATES/OPIOIDS
- **MORPHINE**: Certain patients can metabolize Morphine into Hydromorphone, in which case we would expect to see low levels of Hydromorphone relative to Morphine.

#### Morphine (Not Detected) 50
- Morphine: Not detected.

#### Codeine (Not Detected) 50
- Codeine: Not detected.

#### Hydrocodone (POSITIVE) 134 108.9 50 CONSISTENT
- Hydrocodone: Detected.

#### Norhydrocodone (POSITIVE) 231 167.6 50 CONSISTENT
- Norhydrocodone: Detected.

#### Hydromorphone (POSITIVE) 214 174.0 50 CONSISTENT
- Hydromorphone: Detected.

#### 6-MAM (Heroin Metabolite) (Not Detected) 20
- 6-MAM: Not detected.

### OXYCODONE
- **OXYCODONE**: This metabolite is not detected.

#### Oxycodone (Not Detected) 50
- Oxycodone: Not detected.

#### Oxymorphone (Not Detected) 50
- Oxymorphone: Not detected.

#### Noroxycodone (Not Detected) 50
- Noroxycodone: Not detected.

### ANTICONVULSANT
- **Gabapentin** (Not Detected) 1000
- Gabapentin: Not detected.

### FENTANYL
- **Fentanyl** (Not Detected) 3
- **Norfentanyl** (Not Detected) 10
- Fentanyl: Not detected.

### PREGABALIN
- **Pregabalin** (Not Detected) 100
- Pregabalin: Not detected.

### TRAMADOL
- **Tramadol** (Not Detected) 50
- Tramadol: Not detected.

#### o-DesMethylTramadol (Not Detected) 50
- o-DesMethylTramadol: Not detected.

### MEPEMIDINE
- **Mepidine** (Not Detected) 50
- Mepidine: Not detected.

### METHYLPHENIDATE
- **Methylphenidate** (Not Detected) 25
- Methylphenidate: Not detected.

### TRICYCLIC/SANTIDEPRESSANT
- **Imipramine** (Not Detected) 50
- Imipramine: Not detected.

#### Desipramine (Not Detected) 50
- Desipramine: Not detected.

#### Fluoxetine (Not Detected) 100
- Fluoxetine: Not detected.

### RITALINIC ACID
- **Ritalinic Acid** (Not Detected) 50
- Ritalinic Acid: Not detected.

### NALOXONE
- **Naloxone** (Not Detected) 50
- Naloxone: Not detected.

### BUPRENORPHINE
- **Buprenorphine** (Not Detected) 10
- Buprenorphine: Not detected.

### METHADONE
- **Methadone** (Not Detected) 100
- Methadone: Not detected.

### BARBITURATES
- **Butalbital** (Not Detected) 100
- Butalbital: Not detected.

#### Phenobarbital-1 (Not Detected) 100
- Phenobarbital-1: Not detected.

### TAPEADTADOL
- **Taperadal** (Not Detected) 50
- Taperadal: Not detected.

### MUSCLE RELAXERS
- **Cyclobenzaprine** (Not Detected) 50
- Cyclobenzaprine: Not detected.

### CANNABINOIDS
- **THC** (Not Detected) 25
- THC: Not detected.

### PROPOXYPHENE
- **Propoxyphene** (Not Detected) 100
- Propoxyphene: Not detected.

### OTHER ILLICITS
- **MDMA** (Not Detected) 100
- MDMA: Not detected.

#### Benzoylcegonine (Cocaine) (Not Detected) 100
- Benzoylcegonine: Not detected.

#### Naltrexone (Not Detected) 50
- Naltrexone: Not detected.

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<table>
<thead>
<tr>
<th>REQUESTOR</th>
<th>PATIENT</th>
<th>REFERENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CAPSTONE DIAGNOSTICS, LLC</strong></td>
<td><strong>BOND, JAMES D.</strong></td>
<td><strong>Requisition ID:</strong></td>
</tr>
<tr>
<td>6255 BARFIELD RD 155</td>
<td><strong>Chart #: BOND</strong></td>
<td><strong>Accessioning ID:</strong> 1807050134</td>
</tr>
<tr>
<td>SANDY SPRINGS, GA 30328</td>
<td><strong>Gender:</strong> M</td>
<td><strong>Collected Date:</strong> 07/05/18</td>
</tr>
<tr>
<td></td>
<td><strong>DOB:</strong> 11/09/1985</td>
<td><strong>Received Date:</strong> 07/05/18 14:14</td>
</tr>
<tr>
<td></td>
<td><strong>Specimen Type:</strong> URINE</td>
<td><strong>Reported Date:</strong> 07/05/18 14:25</td>
</tr>
</tbody>
</table>

* Measured in ng/mL (nanogram of analyte per milliliter)

Detection windows may be extended depending upon individual metabolism, the nature of the drug, and the dosage.
The results given are for clinical diagnostic purpose only. The lab performs all confirmations by LC-MS/MS and screens by either EIA or ELISA.