

Toxicology Report

Patient Name: John Doe

Date of Examination: October 10, 2024

Laboratory: Anytown Toxicology Lab

Laboratory Director: Dr. Alice Brown, Ph.D.

Case Number: 2024-XYZ-001

Specimen Received Date: October 10, 2024

Date of Report: October 15, 2024

1. Specimens Received:

- Blood (Postmortem)
- Urine (Postmortem)

2. Tests Performed:

- Comprehensive toxicology screening
- Blood alcohol concentration analysis

3. Results:

A. Blood Analysis:

- **Ethanol (Alcohol):**
 - Detected
 - Concentration: 0.05% (legal limit for driving is 0.08% in most jurisdictions)
- **Pharmaceuticals:**
 - **Sertraline:**
 - Detected
 - Concentration: 200 ng/mL (therapeutic range: 50-400 ng/mL)

B. Urine Analysis:

- **Ethanol:**
 - Detected
- **Pharmaceuticals:**
 - **Sertraline:**
 - Detected
 - **Benzodiazepines:**
 - Not Detected
 - **Opioids:**
 - Not Detected
 - **Stimulants:**
 - Not Detected

- **Illicit drugs:**
 - Not Detected

4. Interpretation:

- The presence of ethanol at a concentration of 0.05% indicates mild alcohol consumption, which is below the legal driving limit but may contribute to impaired judgment.
- Sertraline is detected at therapeutic levels, suggesting compliance with prescribed treatment for depression. The levels are within the expected therapeutic range, indicating that the individual was likely taking the medication as directed.
- No illicit substances or other recreational drugs were found in either blood or urine specimens.

5. Conclusion:

The toxicology results indicate that the deceased had consumed alcohol and was compliant with prescribed sertraline treatment for depression. There is no evidence of acute intoxication from illicit drugs that would have contributed to the circumstances of death.

Report Prepared By:

Dr. Alice Brown, Ph.D.

Toxicologist

Date: October 15, 2024