



**MARICOPA COUNTY
OFFICE OF THE MEDICAL EXAMINER
701 W. Jefferson Street
Phoenix, AZ 85007**

MEDICAL EXAMINER REPORT

DECEDENT: Bryan Dale McKinsey

CASE: 18-04062

DATE OF EXAMINATION: 5/10/2018

TIME: 0753 Hours

CAUSE OF DEATH:
Fentanyl Intoxication

MANNER OF DEATH:
Accident

HOW INJURY OCCURRED:
Fentanyl Intoxication

7/19/18
Date Signed


**LESLEY E. WALLIS, DO
MEDICAL EXAMINER**

FINDINGS

- I. Fentanyl Intoxication.
- II. Bilateral pulmonary congestion and edema.
- III. Clinical history of depression.

SUMMARY AND OPINION

According to the investigative history, as available to me, the decedent has a history of anxiety and depression and was found unresponsive in his residence. A small baggy that contained blue pills and aluminium foil were found in the decedent's wallet. There was no suicide note found and there was no indication from family or friends of suicidal ideation or intent to do self-harm.

Based on the autopsy findings and investigative history as available to me, it is my opinion that Bryan Dale McKinsey, 17-year-old male, died as a result of Fentanyl Intoxication.

The manner of death is Accident.

As with all death investigations, opinions expressed herein are amenable to change should new, reliable, and pertinent information come to light.

The Maricopa County Medical Examiner's Office is required by statute (A.R.S. § 11-594(A) (2) and (4)) to certify the cause and manner of death following completion of the death investigation of each case over which it assumes jurisdiction, and to promptly execute a death certificate, on a form provided by the state registrar of vital statistics, indicating the cause and manner of death. The form provided by the state registrar of vital statistics includes five manners of death: homicide, suicide, accident, natural, and undetermined. The determination of manner of death is a forensic determination by the pathologist predicated upon the totality of all then-known forensic evidence and other circumstances surrounding the cause of death; it is not a legal determination of criminal or civil responsibility of any person(s) for the death.

POSTMORTEM EXAMINATION

EXTERNAL EXAMINATION

The body is received in a zippered body bag sealed with tab number 0010168.

CLOTHING AND PERSONAL EFFECTS

The decedent is received clad in the personal property as outlined in the property inventory list.



Maricopa County

Office of the Medical Examiner

701 W. Jefferson St., Phoenix AZ 85007
Telephone: (602) 506-3322 FAX: (602) 506-1546

Toxicology Report

Case: 18-04062 Decedent: Bryan Dale Mckinsey

Medical Examiner: Lesley E. Wallis, DO

Tox Results Summary

Equivalents : 1 mg/L = 1 ug/mL = 0.1 mg/dL = 0.1 mg% = 1000 ng/mL 1 mg/kg = 1 ug/g = 0.1 mg/100 g = 1000 ng/g

ILIAC BLOOD

| Assay | Substance | Result/Unit of Measure | Type of Analysis |
|---|-------------|---------------------------|------------------|
| VOLATILES (ETHANOL, ACETONE, ISOPROPANOL, METHANOL) | | NONE DETECTED | GC/FID |
| BARBITURATES | | NONE DETECTED | ELISA |
| BENZODIAZEPINES | | NONE DETECTED | ELISA |
| COCAINE METABOLITE (BENZOYLECGONINE) | | NONE DETECTED | ELISA |
| OPIATES | | NONE DETECTED | ELISA |
| METHAMPHETAMINE | | NONE DETECTED | ELISA |
| FENTANYL | | POSITIVE | ELISA |
| OXYCODONE/OXYMORPHONE | | NONE DETECTED | ELISA |
| BASIC DRUGS | | SENT TO CONFIRMATION | GC/NPD |
| BASIC DRUGS | TRAMADOL | POSITIVE, NOT QUANTITATED | GC/MS |
| BASIC DRUGS | MIRTAZAPINE | POSITIVE, NOT QUANTITATED | GC/MS |
| ACID/NEUTRAL DRUGS | | UNREMARKABLE | LC/MS/MS |
| FENTANYL QUANTITATION | FENTANYL | 8.5 NG/ML | LC/MS/MS |
| FENTANYL QUANTITATION | NORFENTANYL | 1.7 NG/ML | LC/MS/MS |

VITREOUS

| Assay | Substance | Result/Unit of Measure | Type of Analysis |
|---|-----------|------------------------|------------------|
| VOLATILES (ETHANOL, ACETONE, ISOPROPANOL, METHANOL) | | NONE DETECTED | GC/FID |

GC/MS = Gas Chromatography Mass Spectrometry
LC/MS/MS = Liquid Chromatography Mass Spectrometry - Mass Spectrometry
GC/NPD = Gas Chromatography Nitrogen Phosphorus Detector
GC/FID = Gas Chromatography Flame Ionization Detector

ELISA = Enzyme Linked Immunosorbent Assay
UV/VIS = Spectrophotometer
SPME = Solid Phase Micro-Extraction



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Toxicology Report

Case: 18-04062 Decedent: Bryan Dale McKinsey

Medical Examiner: Lesley E. Wallis, DO

Tox Results Review

| Data Reviewed | Reviewed By | Date Reviewed |
|------------------|----------------------|---------------|
| Alcohol Data | DIANE MERTENS-MAXHAM | 7/3/2018 |
| Immunoassay Data | DIANE MERTENS-MAXHAM | 7/3/2018 |
| GC Data | DIANE MERTENS-MAXHAM | 7/3/2018 |
| GC/MS Data | DIANE MERTENS-MAXHAM | 7/3/2018 |
| Quant Data | DIANE MERTENS-MAXHAM | 7/3/2018 |
| LC/MS/MS Data | DIANE MERTENS-MAXHAM | 7/3/2018 |

Signature: *Diane J. Mertens-Maxham*

Date Signed: 7/3/18

Diane J. Mertens-Maxham, BS, D-ABFT-FT
Deputy Chief Toxicologist