



Summit BioAnalytics | Nassau, The Bahamas | lab@summitbioanalytics.com |  
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TESTED FOR

Iron Within Research

SAMPLE

Pinleon — 10 mg

PASS

BATCH #

IWR-2607-  
PIN10

PURITY

99.31%

MASS

10.64 mg

IDENTITY

Confirmed

COA #:

SBA-26-0048

Method:

Full QC Panel

Lot Number:

IWR-2607-PIN10

Analysis Date:

2026-08-02

Labeled Content:

10 mg

Date Received:

2026-07-29

Appearance:

White lyophilized  
powder, intact seal



SCAN TO VERIFY



Identity



Purity



Endotoxins



Fentanyl Free



VIAL CAP

White

#E8E8EA

CLOSURE AS  
RECEIVED

| Test                       | Specification | Result       |
|----------------------------|---------------|--------------|
| Identity                   | Pinleon       | Confirmed    |
| Purity (HPLC)              | >= 98.0%      | 99.31%       |
| Content (gross)            | Report only   | 10.64 mg     |
| Fentanyl Screen (LC-MS/MS) | Not detected  | Not detected |
| Endotoxins (LAL)           | Report Result | 0.09 EU/mL   |

| Test                         | Specification  | Result                     |
|------------------------------|----------------|----------------------------|
| Sterility Screen (rapid PCR) | No growth      | No growth                  |
| Heavy Metals (ICP-MS)        | ICH Q3D limits | All analytes within limits |

Qualitative and quantitative chemical analysis by RP-HPLC with UV detection; identity confirmed by LC-MS. Fentanyl screening by targeted LC-MS/MS. Sterility by rapid nucleic-acid amplification — a screening method, not compendial sterility per USP <71>. Full methodology available on request.

Kasey Malganus

Kasey Malganus  
Lab Director  
2026-08-02

COA #: SBA-26-0048  
Access Code: RC9KWB8A  
Analyst: R. Whitfield  
Verify: [summitbioanalytics.com/verify](https://summitbioanalytics.com/verify)  
Issued: 2026-08-02

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This certificate relates only to the item tested, as received. Research use only — not for human or veterinary use. A not-detected screening result describes this sample only and is not a statement about any other unit or lot.