



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

TESTED FOR

Vector

SAMPLE

Melanotan 2 — 10mg

PASS

BATCH #

VEC-  
100028S

PURITY

99.43%

MASS

10.45 mg  
per bottle

IDENTITY

Confirmed

COA #: SBA-26-0078      Method: Full QC Panel  
Lot Number: VEC-100028S      Analysis Date: 2026-08-06  
Labeled Content: 10mg      Date Received: 2026-08-03  
Sample Type: Clear colourless solution in a 15 mL metered spray bottle      Closure: ● Black #010101



SCAN TO VERIFY

✓ Identity

✓ Purity

✓ Endotoxins

✓ Fentanyl Free

SUMMARY OF RESULTS

Analyses performed on this sample

| ANALYSIS        | METHOD          | DATE TESTED | STATUS   |
|-----------------|-----------------|-------------|----------|
| Peptides        | RP-HPLC / LC-MS | 2026-08-04  | Complete |
| Heavy Metals    | ICP-MS          | 2026-08-04  | Pass     |
| Microbiological | USP <61> / <62> | 2026-08-05  | Pass     |

| Test                       | Specification           | Result          |
|----------------------------|-------------------------|-----------------|
| Identity                   | Melanotan 2             | Confirmed       |
| Purity (HPLC)              | >= 98.0%                | 99.43%          |
| Content (per bottle)       | NLT 10 mg (label claim) | 10.45 mg/bottle |
| Fentanyl Screen (LC-MS/MS) | Not detected            | Not detected    |
| Endotoxins (LAL)           | Report Result           | 0.02 EU/mL      |

| Test                              | Specification       | Result                     |
|-----------------------------------|---------------------|----------------------------|
| Heavy Metals (ICP-MS)             | ICH Q3D limits      | All analytes within limits |
| Microbial Limits (USP <61>, <62>) | USP <1111> criteria | Conforms                   |

Qualitative and quantitative chemical analysis by RP-HPLC with UV detection; identity confirmed by LC-MS. Fentanyl screening by targeted LC-MS/MS. Full methodology available on request.

FORMULATIONDelivered dose per actuation not determined

PreservativeBenzalkonium chloride 0.02% w/v

MICROBIAL LIMITSUSP <61> enumeration, USP <62> specified organisms

| ORGANISM                             | RESULT        | LIMIT                         | STATUS |
|--------------------------------------|---------------|-------------------------------|--------|
| Total Aerobic Plate Count            | < 10 CFU/mL   | ≤ 10 <sup>2</sup> CFU/g or mL | Pass   |
| Yeast and Mold                       | < 10 CFU/mL   | ≤ 10 <sup>1</sup> CFU/g or mL | Pass   |
| Staphylococcus aureus                | Absent / 1 mL | Absent / 1 g or mL            | Pass   |
| Pseudomonas aeruginosa               | Absent / 1 mL | Absent / 1 g or mL            | Pass   |
| Bile-tolerant Gram-negative bacteria | Absent / 1 mL | Absent / 1 g or mL            | Pass   |

Microbial limits testing establishes that counts fall within the compendial criteria for this dosage form and that specified organisms are absent. It is not a test of sterility and does not support a sterility claim.

NOTES

Bottle received with tamper seal intact.

LOD = LIMIT OF DETECTION · LOQ = LIMIT OF QUANTITATION · CFU = COLONY-FORMING UNIT

Kasey Malganius

Kasey Malganius  
Lab Director  
2026-08-06

COA #: SBA-26-0078  
Access Code: UGB9YUJY  
Analyst: K. Reyes  
Verify: [summitbioanalytics.com/verify](https://summitbioanalytics.com/verify)  
Issued: 2026-08-06