



Client: Ascension Peptides

Certified: 06/02/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

|              |              |             |                    |
|--------------|--------------|-------------|--------------------|
| Product      | DSIP         | Form        | Lyophilized powder |
| Batch        | 14-05260628  | Labeled Qty | 10 mg              |
| Mol. Formula | C35H48N10O15 | CAS Number  | 62568-57-4         |
| Cap Color    | Clear        | Crimp Color | Copper             |

TEST RESULTS

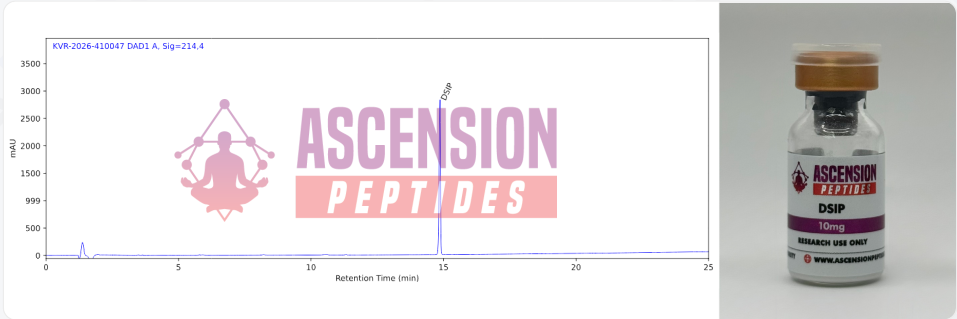
|                               | REFERENCE STANDARD | RESULT    |
|-------------------------------|--------------------|-----------|
| Purity                        | (>98%)             | 99.394%   |
| Net Content                   | (~10mg)            | 10.97 mg  |
| Identity Confirmation (LC-MS) | (DSIP)             | DSIP      |
| Endotoxin Safety Screen       | (≤0.5 EU/mL)       | PASS      |
| Microbial Sterility Screen    | (No Growth)        | No Growth |

HEAVY METAL SCREENING

| Analyte      | Result   | Status |
|--------------|----------|--------|
| Arsenic (As) | Negative |        |
| Cadmium (Cd) | Negative |        |
| Lead (Pb)    | Negative |        |
| Mercury (Hg) | Negative |        |

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm



Lamar Arghandinal  
Lab Director



koveralabs.com/verify

Report#: KVR-2026-410047  
Access Code: G4AMN7S

## CLIENT &amp; SAMPLE INFORMATION

|              |                    |               |             |
|--------------|--------------------|---------------|-------------|
| Client       | Ascension Peptides | Analysis Date | 06/02/2026  |
| Product Name | DSIP               | Strength      | 10 mg       |
| Lot / Batch  | 14-05260628        | Condition     | Lyophilized |

This Certificate of Analysis certifies that the sample listed herein was tested for bacterial endotoxin using a kinetic chromogenic LAL assay in accordance with USP <85> Bacterial Endotoxins Test.

## TEST METHODOLOGY

|                 |                                       |                     |                   |
|-----------------|---------------------------------------|---------------------|-------------------|
| Test Performed  | Quantitative Bacterial Endotoxin Test | Compendial Ref      | USP <85>          |
| Assay Type      | Kinetic Turbidimetric                 | Detection $\lambda$ | 660 nm            |
| Detection Range | 0.01 - 1.0 EU/mL                      | Endotoxin Std       | E. coli O111:B4   |
| Dilution Vol    | 2.0 mL                                | Matrix              | LAL Reagent Water |

## QUANTITATIVE RESULTS

| Parameter           | Result                   |
|---------------------|--------------------------|
| Endotoxin Level     | < 0.20 EU/mL             |
| Acceptance Limit    | <span>≤ 0.5 EU/mL</span> |
| Sample CV (%)       | N/A                      |
| Spike CV (%)        | N/A                      |
| Spike Recovery (%)  | N/A                      |
| Final Determination | PASS                     |

## CONTROLS

| Control          | Expected   | Observed    | Status |
|------------------|------------|-------------|--------|
| Positive Control | Detectable | As expected | Pass   |
| Negative Control | No signal  | As expected | Pass   |

## INTERPRETATION

Endotoxin content was quantitatively determined using a kinetic chromogenic LAL assay in accordance with USP <85>. Result reported as below quantitation threshold. The measured endotoxin level meets the specified acceptance criteria. The sample passes the endotoxin limit test.

## AUTHORIZATION

|                          |
|--------------------------|
| REVIEWED BY              |
| <b>Lemar Arghandiwal</b> |
| Lab Director             |



CLIENT & SAMPLE INFORMATION

|              |                    |               |               |
|--------------|--------------------|---------------|---------------|
| Client       | Ascension Peptides | Analysis Date | June 03, 2026 |
| Product Name | DSIP               | Strength      | 10 mg         |
| Lot / Batch  | 14-05260628        | Condition     | Lyophilized   |

ICP-MS metals analysis performed using EPA-referenced methods; results evaluated against internal acceptance criteria.

TEST METHODOLOGY

|                |                                                         |               |                              |
|----------------|---------------------------------------------------------|---------------|------------------------------|
| Test Performed | Elemental Impurities Analysis                           | Instrument    | ICP-MS                       |
| Sample Prep    | HNO <sub>3</sub> / H <sub>2</sub> O <sub>2</sub> matrix | Calibration   | Multi-element standard curve |
| Internal Std   | Sc, Ge, In, Bi                                          | Material Type | Raw Material (Research Use)  |

ELEMENTAL IMPURITIES RESULTS

| Element    | Result (ppm) | Acceptance Limit (ppm) | Status |
|------------|--------------|------------------------|--------|
| Pb Lead    | < 0.5        | ≤ 10                   | PASS   |
| As Arsenic | < 0.15       | ≤ 1.5                  | PASS   |
| Cd Cadmium | < 0.05       | ≤ 0.5                  | PASS   |
| Hg Mercury | < 0.3        | ≤ 3                    | PASS   |

METHOD SUITABILITY (SPIKE RECOVERY)

| Element    | Spike Level | Recovery | Criteria |
|------------|-------------|----------|----------|
| Pb Lead    | 5 ppm       | 98%      | 70–150%  |
| As Arsenic | 0.75 ppm    | 102%     | 70–150%  |
| Cd Cadmium | 0.25 ppm    | 95%      | 70–150%  |
| Hg Mercury | 1.5 ppm     | 91%      | 70–150%  |

Spike recovery confirms method suitability for the sample matrix.

INTERPRETATION

Elemental impurities were determined using ICP-MS with EPA-referenced analytical methods. All tested elements (Pb, As, Cd, Hg) are below the stated acceptance limits. Spike recovery values fall within acceptable ranges, confirming method suitability. The sample meets the stated acceptance criteria for elemental impurities.

QUALITY CONTROL

Method Blank: Pass    CCV: Pass    Duplicate RPD: < 20%

AUTHORIZATION

REVIEWED BY  
**Lemar Arghandiwal**  
Lab Director



**CLIENT & SAMPLE INFORMATION**

|                       |                    |                      |                    |
|-----------------------|--------------------|----------------------|--------------------|
| <b>Client</b>         | Ascension Peptides | <b>Sample Name</b>   | DSIP               |
| <b>Lot Number</b>     | 14-05260628        | <b>Date Received</b> | 06/02/2026         |
| <b>Date Certified</b> | 06/02/2026         | <b>Sample Matrix</b> | Lyophilized powder |

**TEST METHODOLOGY**
**RAPID STERILITY SCREENING METHOD**

Sample is reconstituted and incubated in growth media under controlled conditions. Cultures are monitored for microbial growth over the incubation period. This rapid screening method provides preliminary sterility assessment and is suitable for quality control purposes. For regulatory compliance, full compendial sterility testing may be required.

**TEST RESULTS**

| TEST PARAMETER               | SPECIFICATION | RESULT       | STATUS |
|------------------------------|---------------|--------------|--------|
| Bacteria (Aerobic/Anaerobic) | No Growth     | No Growth    | PASS   |
| Fungi / Yeast                | Not Detected  | Not Detected | PASS   |

|                                       |                                    |                              |
|---------------------------------------|------------------------------------|------------------------------|
| TEST METHOD<br><b>Rapid Sterility</b> | INCUBATION PERIOD<br><b>2 days</b> | TEMPERATURE<br><b>30-35C</b> |
|---------------------------------------|------------------------------------|------------------------------|

**FINAL DETERMINATION**

**STERILITY SCREEN RESULT**
**SAMPLE PASSES STERILITY SCREEN**

No microbial growth detected during incubation period

