

Randy Cole  
Regenerative Research  
1475 S. Fillmore St  
Denver, CO 80210



**Project** 135254  
**Lab #** 128078  
**Date Rec'd** 8/20/2025  
**Report Issued** 8/25/2025

**Project**

**Sample** BPC-157 10 mg BP25-02

## Certificate of Analysis

| <u>Analyte</u>          | <u>Result</u> | <u>LOQ</u> | <u>Units</u> | <u>Method</u> | <u>Date</u> | <u>% of Label</u> |
|-------------------------|---------------|------------|--------------|---------------|-------------|-------------------|
| <b>Microbiology</b>     |               |            |              |               |             |                   |
| Endotoxins              | Trace         | 0.5        | EU/mL        | USP 85        | 8/22/2025   |                   |
| <b>Peptide Analysis</b> |               |            |              |               |             |                   |
| Purity by area          | 99.63         | 0.5        | %            | HPLC-UV/MS    | 8/22/2025   |                   |
| Purity by mass          | 9.35          | 0.5        | mg           | HPLC-UV/MS    | 8/22/2025   | 93.45             |
| Spectral identification | Confirmed     |            |              | HPLC-UV/MS    | 8/22/2025   |                   |

The data presented are from the analysis of the sample shown and meet Krause Analytical internal quality assurance criteria unless otherwise flagged.  
Methods shown reference current Krause Analytical SOPs  
ND - Not detected LOQ - limit of quantification  
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Respectfully submitted,

Mark C. Krause  
Laboratory Director

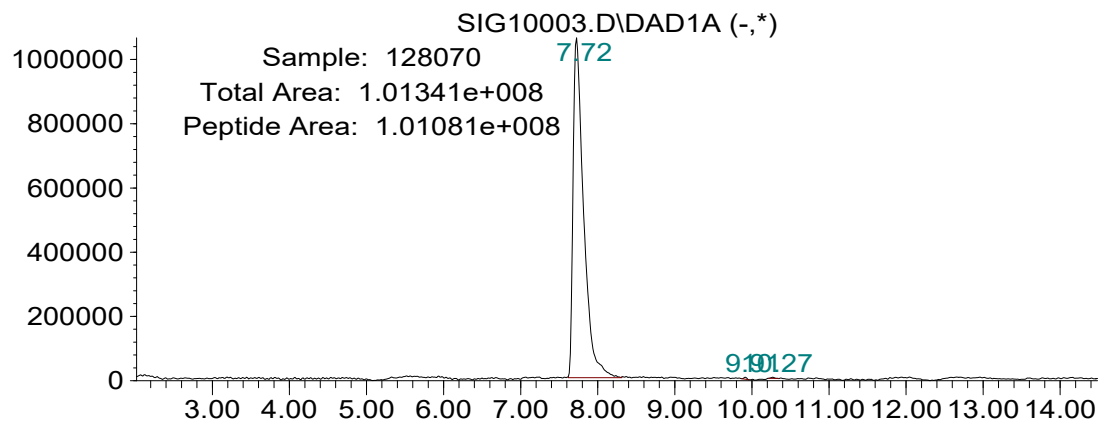


krause analytical

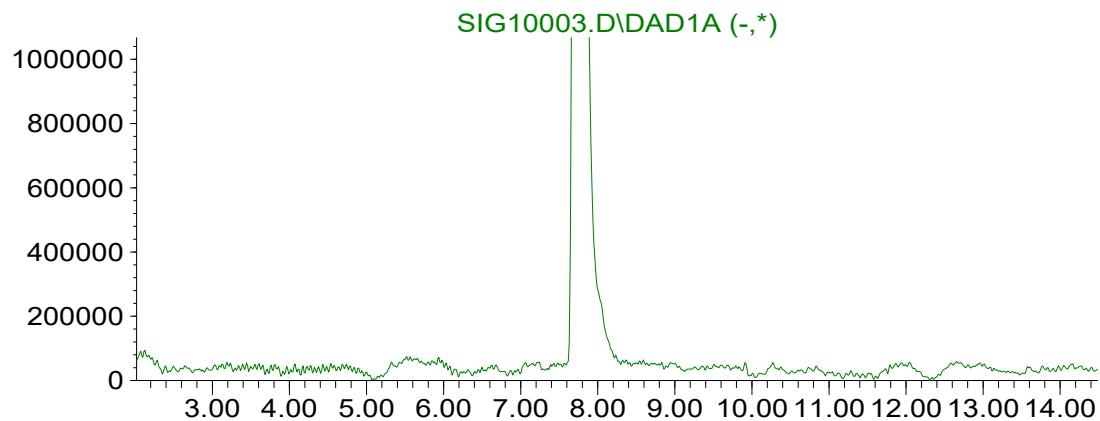
Lab #:128078 BPC-157 10 mg BP25-02

## Chromatogram

Response\_



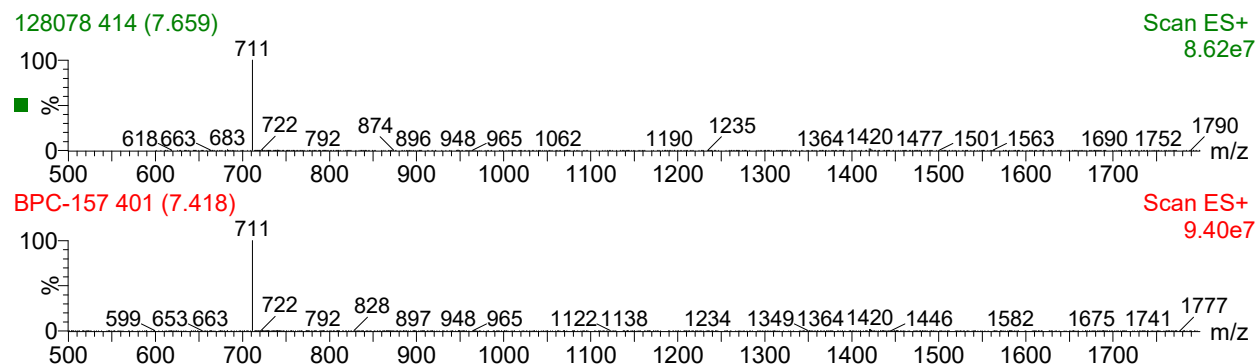
Time  
Response\_



Time



## Spectra



## Method Summary

- 2 mL of purified water is added to the lyophilized powder in the vial, and the contents mixed to dissolve the lyophilized powder.
- An aliquot is taken from the vial and diluted to contain approximately 500 mg/L of the peptide.
- The diluted sample is analyzed by HPLC-UV-MS.
- The mass spectrum obtained is compared to an authentic standard of the peptide for identification.
- The total area of all of the peaks in the chromatogram is calculated, and the area of the peak of the peptide is divided by the total area to obtain the purity by area value, reported in percent.
- The area of the peptide is compared to the area of the peptide peak in the known standard to obtain a concentration in the solution. This concentration is used to calculate the total mass of peptide in the vial, which is compared to the stated mass (label claim) and reported as both total mass in the vial and as a percent of the label claim.