

CERTIFICATE OF ANALYSIS

COA #: **SD20260804_005_BPC157**

SAMPLE INFORMATION

Client	MTCCompounds	Accession #	SD20260804_005
Compound	BPC-157	Date Received	08/04/2026
Molecular Formula	C62H98N16O22	Date Reported	08/05/2026
Counter Ion / Salt	NA	Appearance	White lyophilized powder
Labeled Quantity	10 mg	Sample Form	Lyophilized Vial
Lot / Batch #	N/A	Storage	Room Temp
CAS Number	137525-51-0	Crimp Color	Yellow



All Chemical Analysis Performed by LC-MS/MS

ANALYTICAL RESULTS

Test / Analysis	Method	Specification	Result	Status
Identity (Mass Confirmation)	LC-MS/MS	Matches reference mass	BPC-157	Pass
Purity	LC-MS/MS	≥ 95.0%	99.19%	Pass
Net Peptide Content	LC-MS/MS	Report value	10.72 mg	Pass
Observed Molecular Mass	LC-MS	Within ± 1.0 Da	710.1 [M+4]	Pass
Theoretical Molecular Mass	Reference	—	1419.53 Da	Pass
Related Substances / Impurities	LC-MS/MS	Report value	Not Detected	Pass
Residual Solvents	LC-MS/MS	Report value	Not Detected	Pass

John, Humes, MS. **John, Humes, MS.**
Analyzed by · Laboratory Analyst · 08/05/2026

Chetan Soni, PhD. **Chetan Soni, PhD.**
Approved by · Laboratory Director · 08/05/2026

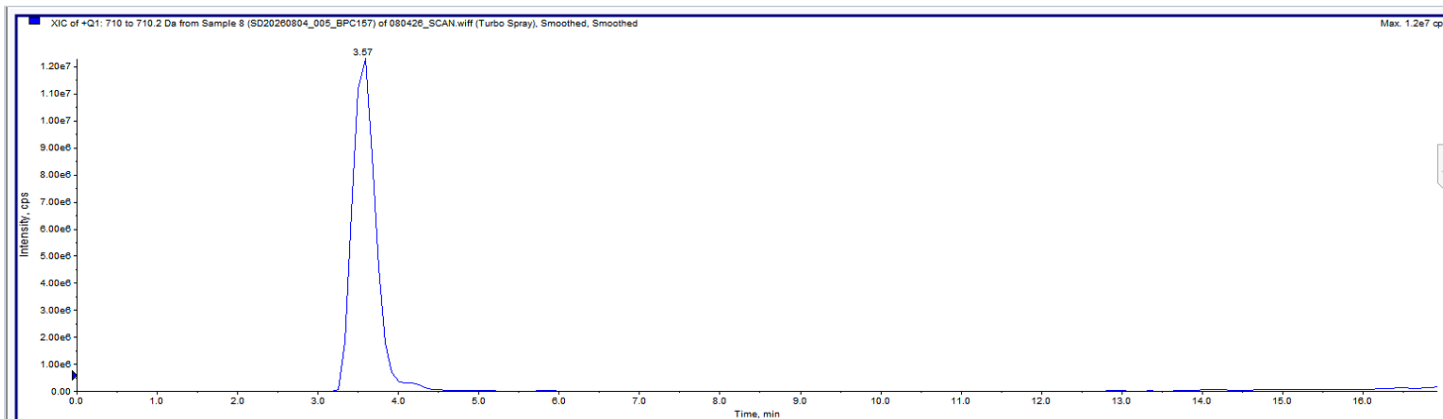
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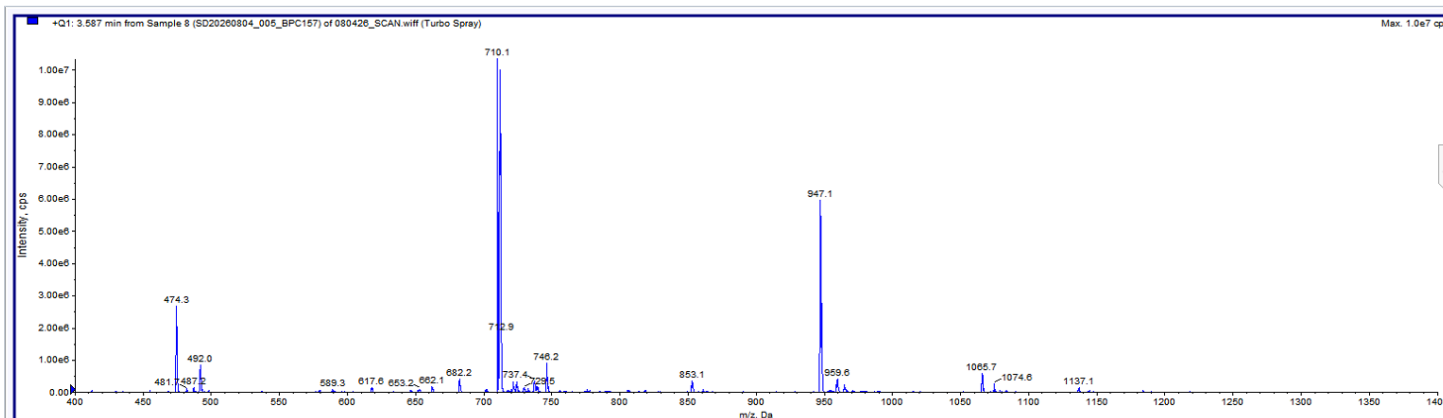
ANALYTICAL DATA

COA #: SD20260804_005_BPC157

CHROMATOGRAM



MASS SPECTRUM (LC-MS)



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ANALYTICAL INTERPRETATION

Chromatogram

Retention Time Match

Mass Spectrum (LC-MS)

Identity (LC-MS, Q1 scan – BPC-157):

A positive-mode Q1 full scan acquired at 3.69 min from the BPC-157 sample shows a dominant precursor ion at m/z 710.1, accompanied by related ions at m/z 947.1, m/z 1085.7, and m/z 1137.1, consistent with the expected multiply charged isotopic envelope for BPC-157 under the validated LC-MS conditions. Additional lower-intensity ions (e.g., m/z 474.3, m/z 737.4, m/z 853.1, m/z 959.6, m/z 1074.6) correspond to alternative charge states and adducts of the same peptide species. The observed mass profile and charge-state distribution match the theoretical precursor ion pattern for BPC-157 within the established tolerance window, supporting confirmation of analyte identity in this sample.

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