

CERTIFICATE OF ANALYSIS

COA #: SD20260804_031_BPC10

SAMPLE INFORMATION

Client	Omega Labz	Accession #	SD20260804_031
Compound	BPC-157	Date Received	08/04/2026
Molecular Formula	C62H98N16O22	Date Reported	08/07/2026
Counter Ion / Salt	NA	Appearance	White lyophilized powder
Labeled Quantity	10 mg	Sample Form	Lyophilized Vial
Lot / Batch #	BC7465	Storage	Room Temp
CAS Number	137525-51-0	Crimp Color	Blue

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%	99.78%	Pass
Net Peptide Content	LC-MS/MS	Report value	11.71 mg	Pass
Observed Molecular Mass	LC-MS	Within ± 1.0 Da	710 [M+2H]	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.

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Analyzed by · Laboratory Analyst · 08/07/2026

Chetan Soni, PhD.

Chetan Soni, PhD.

Approved by · Laboratory Director · 08/07/2026

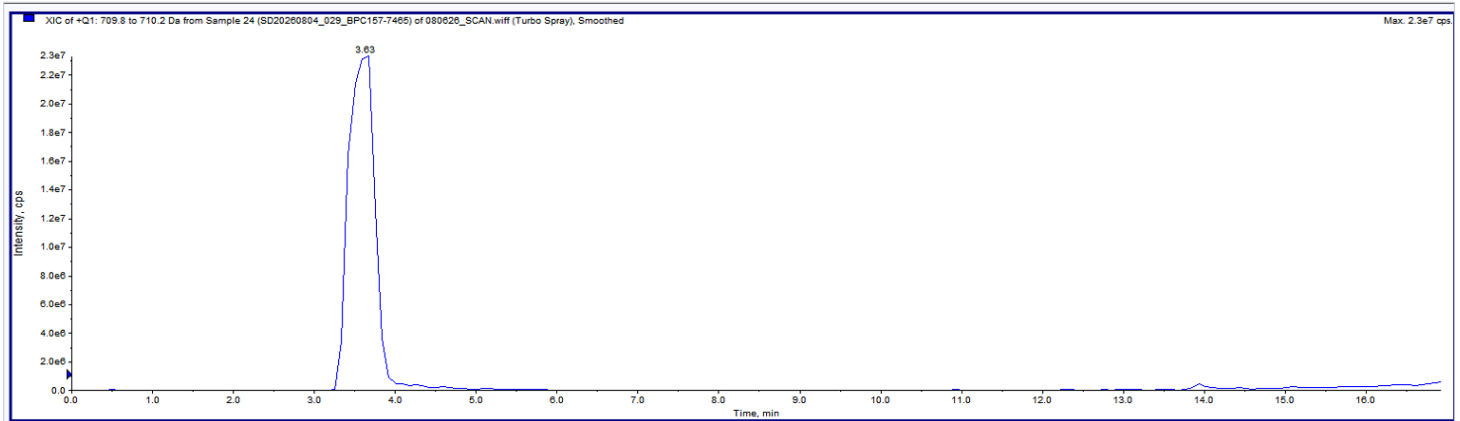
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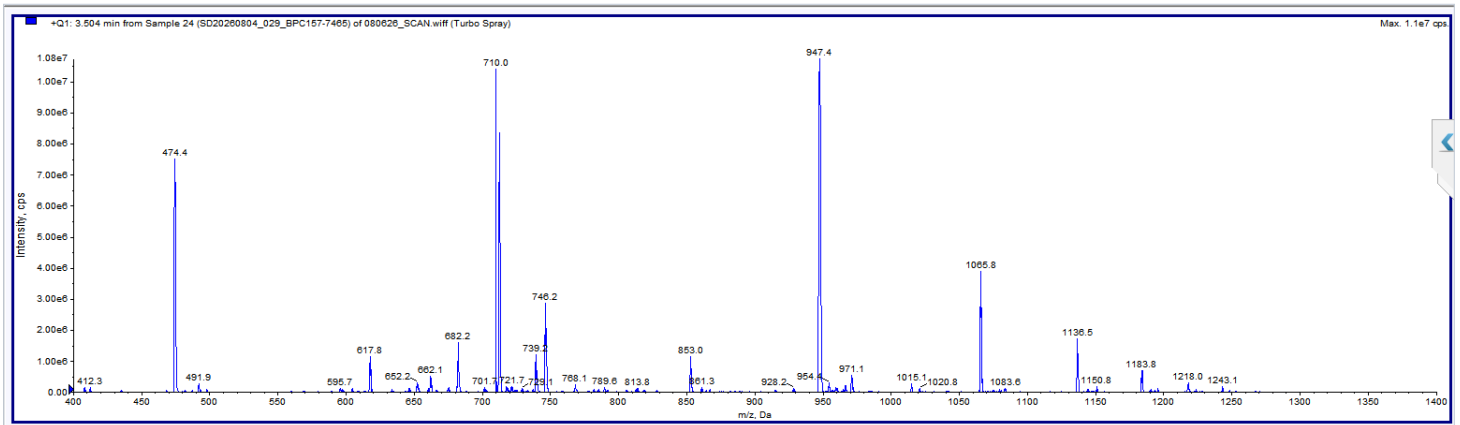
ANALYTICAL DATA

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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 3.50min from the BPC-157 sample shows a dominant precursor ion envelope with peaks at m/z 474.4, 710.0, 739.8, 746.2, 789.8, 813.8, 853.0, 947.4, 954.0, 971.1, 1015.1, 1020.8, 1065.8, 1083.8, 1136.5, 1150.8, 1183.8, 1218.0, and 1243.1. These ions represent the expected multiply charged isotopic and adduct distribution of BPC-157 under validated LC-MS conditions. The observed mass profile aligns with the theoretical precursor ion pattern within tolerance limits, confirming analyte identity.

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