

CERTIFICATE OF ANALYSIS

COA #: SD20260804_032_BPC10

SAMPLE INFORMATION

Client	Omega Labz	Accession #	SD20260804_032
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 #	BC3745	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%	99.58%	Pass
Net Peptide Content	LC-MS/MS	Report value	11.07 mg	Pass
Observed Molecular Mass	LC-MS	Within ± 1.0 Da	712 [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.***John Humes, MS.**

Analyzed by · Laboratory Analyst · 08/07/2026

*Chetan Soni, PhD.***Chetan Soni, PhD.**

Approved by · Laboratory Director · 08/07/2026

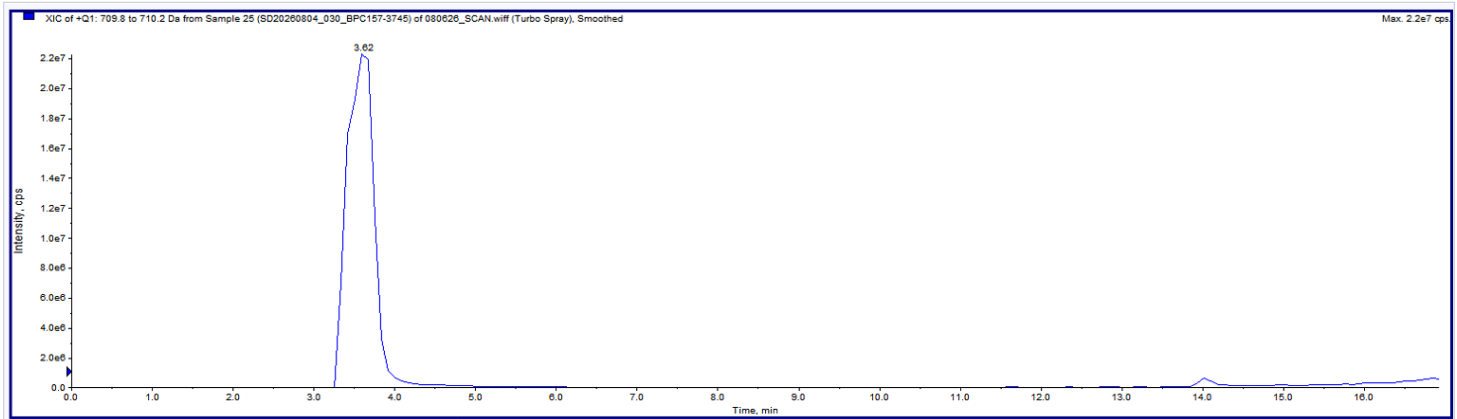
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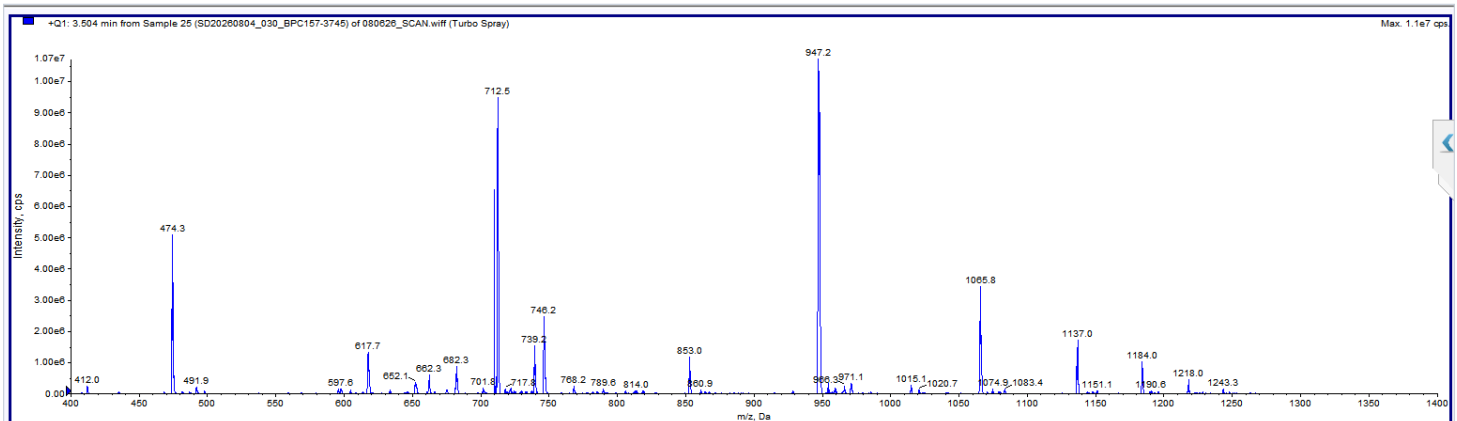
ANALYTICAL DATA

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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 474.3, 712.5, 739.2, 746.2, 853.0, 947.2, 1065.8, 1137.0, 1150.8, 1184.0, 1218.0, and 1243.3. 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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