

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	BPC-157
Lot No.:	VI220250729-5
Sequence:	Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val
Modifications:	N/A

Quality Control

Test Items	Specifications	Results
Appearance	White to off-white lyophilized powder	Conforms
Molecular Weight (MS)	1419.55±1.0 Da	1419.45 Da
Purity by HPLC	>98%	98.7%
Retention Time (HPLC)	±0.2min of Standard	Conforms
Net Peptide Content	≥5mg	5.7mg
Solubility	5 mg/1ml H2O	Clearly soluble
Acetic acid Content	≤5.0%	1.2%
TFA Content	≤0.500%	Conforms
DCM Content	≤0.060%	N.D.
DMF Content	≤0.088%	N.D.
Total Aerobic Count	≤100CFU/g	Conforms
Yeast & Molds Count	≤100CFU/g	Conforms
Endotoxins	≤0.5EU/mg	Conforms

Storage Conditions:	-20°C
Quality Control:	Mike P.
Date of Analysis:	July 2025

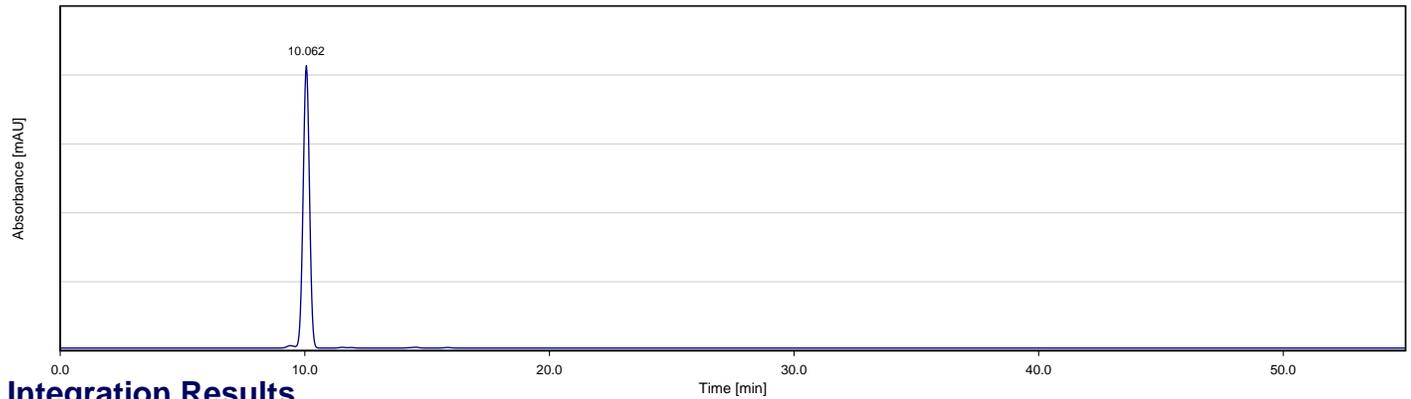
Sample Information

Lot. No	VI220250729-5
Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	0.8ml/min
Wavelength	220nm
Analytical column type	Phenomenex Luna 3um C18 (2) (4.6*150mm*3um)
Dissolution method	100%H2O
Inj. Volume	20ul

Gradient Program

Time	Module	Action	Value
0.01	Pumps	B.Conc	12
25.00	Pumps	B.Conc	37
30.00	Pumps	B.Conc	90
40.00	Pumps	B.Conc	90
41.00	Pumps	B.Conc	12
55.00	Controller	Stop	

Chromatogram

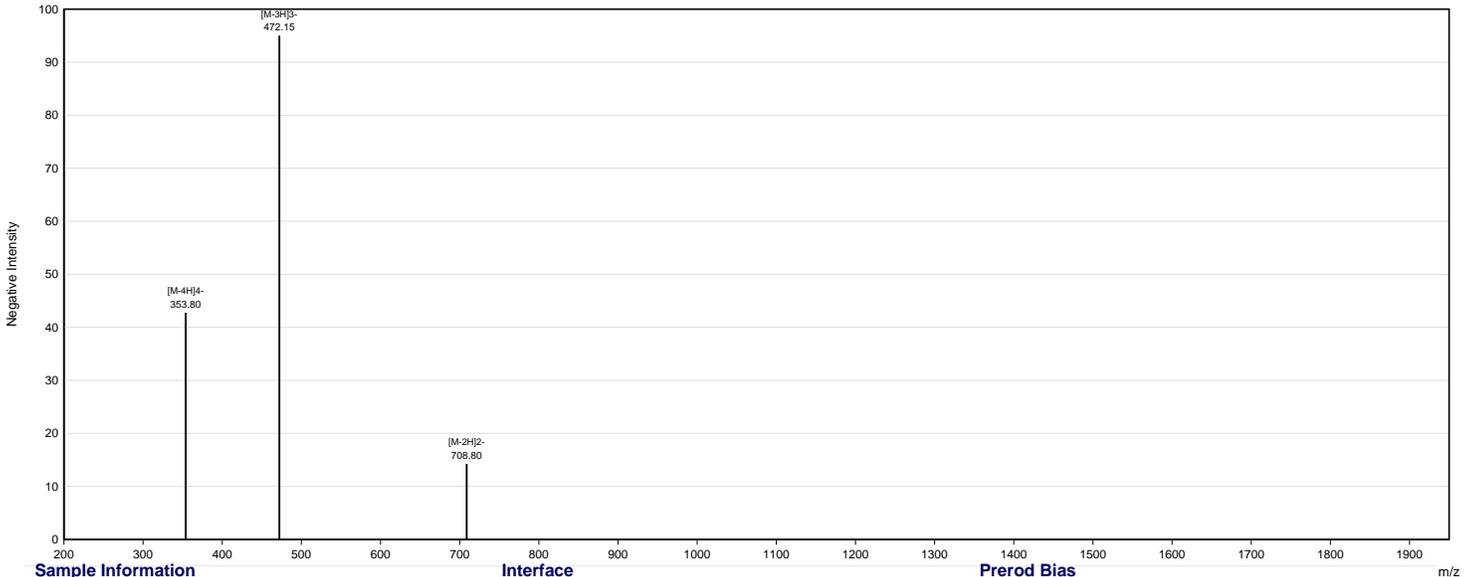


Integration Results

No.	Ret. Time	Area	Height	Relative Area %	Amount
1	9.383	0.6927	6.587	0.26	n.a.
2	9.595	0.7268	2.874	0.27	n.a.
3	10.062	266.7053	851.778	98.71	n.a.
4	11.531	0.5653	2.204	0.21	n.a.
5	11.900	0.3679	1.495	0.14	n.a.
6	14.283	0.1766	0.899	0.07	n.a.
7	14.541	0.5284	2.354	0.20	n.a.
8	15.833	0.4191	1.719	0.16	n.a.
Total		270.182	869.910	100.000	n.a.

Conclusion: Main peak at RT 10.062 min, purity 98.71% by area

MS Spectrum



Sample Information

Dissolution method :3%NH3.H2O+25%ACN+72%H2O
Injection Volume :3ul

Interface

Interface :ESI
Nebulizing Gas Flow :1.50L/min
CDL Temp :250C
CDL Volt :0v
Block Temp :200

Prerod Bias

Prerod Bias :+4.5kv
Detector :-0.2kv
T.Flow :0.2ml/min
B. conc :30%H2O/70%MeOH

Lot No.	VI220250729-5
Theoretical	1419.55
Observed	1419.45