

CERTIFICATE OF ANALYSIS

Product Name	BHB-Phe peptide, Cat.#: 319747 (TFA removed)
Lot No.	MTFA33291-250905
Sequence	{BHB}-Phe
Dissolution condition	100%H ₂ O
Modification	TFA Removal(TFA < 1%)
Molecular Weight (MW)	251.30
Storage	-20°C

Test Items	Specifications	Results
MW by MS	251.05	Conforms
Purity by HPLC	>95%	99.329%
Peptide Content	N/A	N/A
TFA solubility	<1%	0.00%
Moisture content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	5000mg	50.0mg*100

NovoPro Bioscience Inc. (hereafter NovoPro) warrants material of said quality at the time of sale. It is the sole responsibility of the customers to determine the adequacy of all materials for any intended or specific purpose or use. NovoPro's sole obligation is to replace the material up to the extent of the purchase price. This warranty applies only to products in original packaging and does not apply to a product which has been tampered with or altered in any way in or which has been misused or damaged by accident or negligence. All claims must be received writing (by fax or email) within 30 days from date when product arrive at the destination city and failure to do so shall constitute a waiver by customers for any and all such claims.

Certified by:



Sep/29/2025

Quality Assurance Department

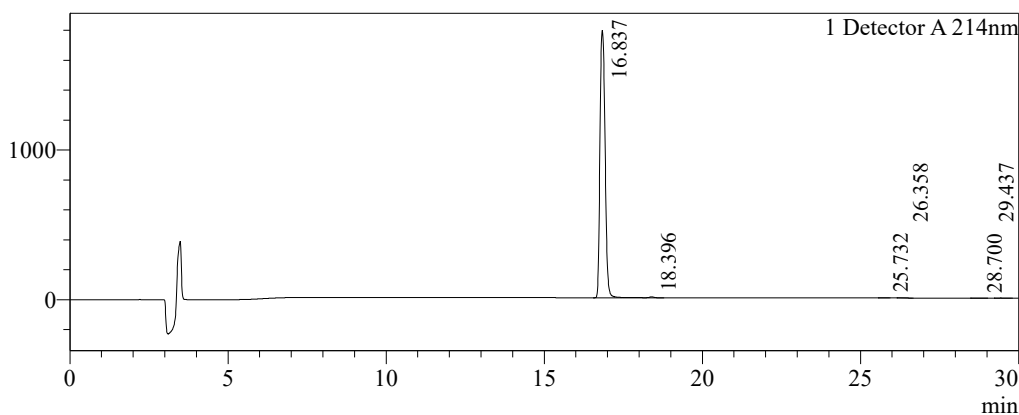


Sample Information

Order ID	:MTFA33291		
Name	:BHB-Phe peptide		
Sequence	:{BHB}-Phe		
Lot. No	:MTFA33291-250905		
Pump A	:0.1%Trifluoroacetic in 100% water		
Pump B	:0.1%Trifluoroacetic in 100% acetonitrile		
Total Flow	:1ml/min		
Wavelength	:214nm		
Analytical column type	:Kromasil 100-5-C18 (4.6*250mm*5 µm)		
Dissolution method	:100%H ₂ O		
Inj. Volume	: 30ul		
Time	Module	Action	Value
0.01	Pumps	B.Conc	10
30.00	Pumps	B.Conc	40
33.00	Pumps	B.Conc	100
38.00	Pumps	B.Conc	100
40.00	Pumps	B.Conc	10
50.00	Controller	Stop	

Chromatogram

mV

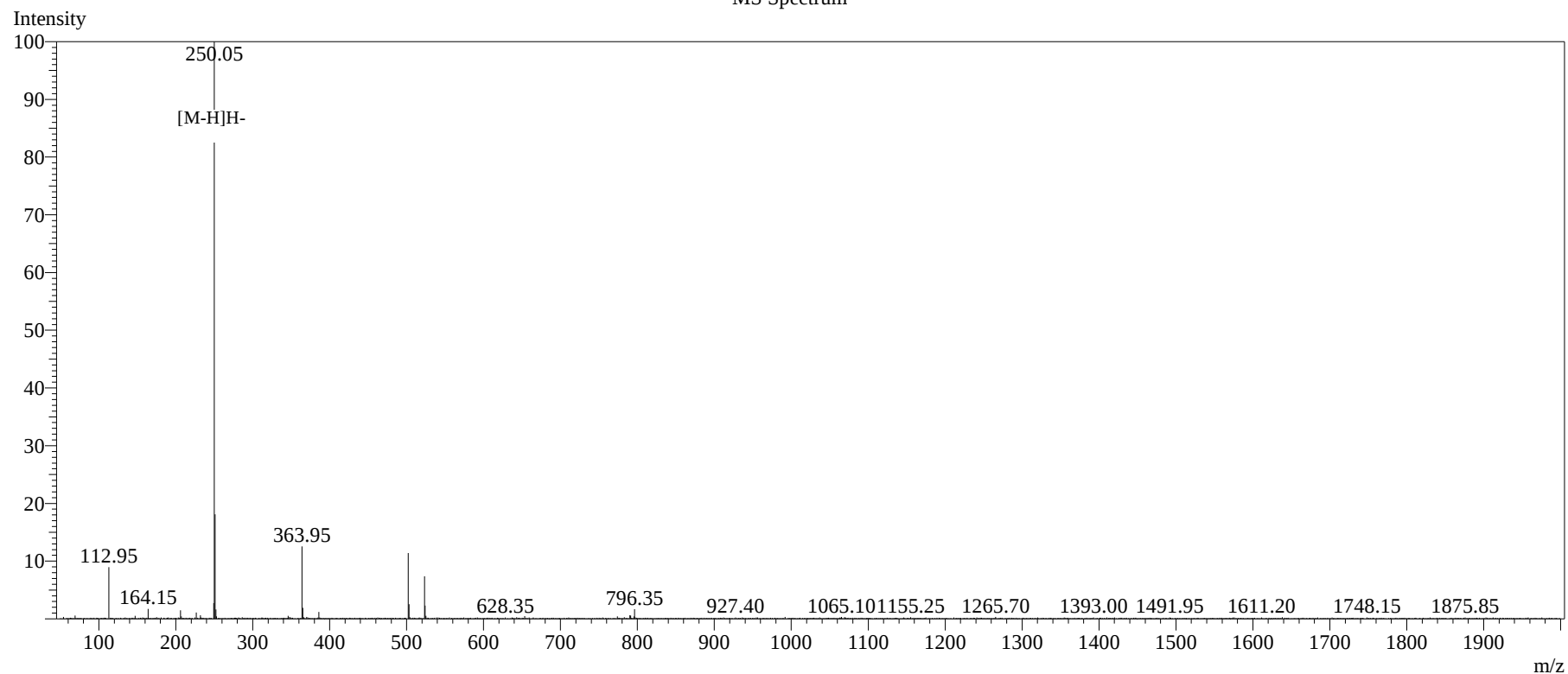


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.837	20087719	1786873	99.329
2	18.396	100152	5988	0.495
3	25.732	2428	263	0.012
4	26.358	18886	1904	0.093
5	28.700	5688	459	0.028
6	29.437	8501	674	0.042
Total		20223375	1796160	100.000

MS Spectrum



Sample Information

Dissolution method :15%ACN+85%H2O
 Date Acquired :2025/09/26 14:21:29
 Injection Volume :0.2ul
 Block Temp :200

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

Prerod Bias :+4.5kv
 Detector :-0.2kv
 T.Flow :0.2ml/min
 B.conc :50%H2O/50%MEOH

Order ID :MTFA33291
 Name :BHB-Phe peptide
 Sequence :{BHB}-Phe
 Lot.No :MTFA33291-250905
 Theoretical :251.30
 Observed :251.05