


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	>98%	99.482%
Peptide Content	N/A	N/A
TFA amount	<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: 
Quality Assurance Department

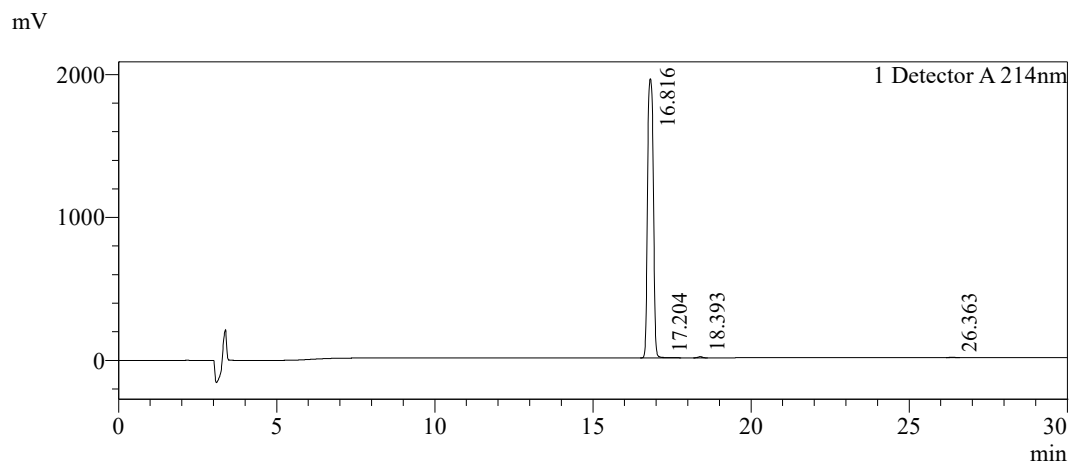
Feb/10/2026



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%H2O
 Inj. Volume : 10ul
 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

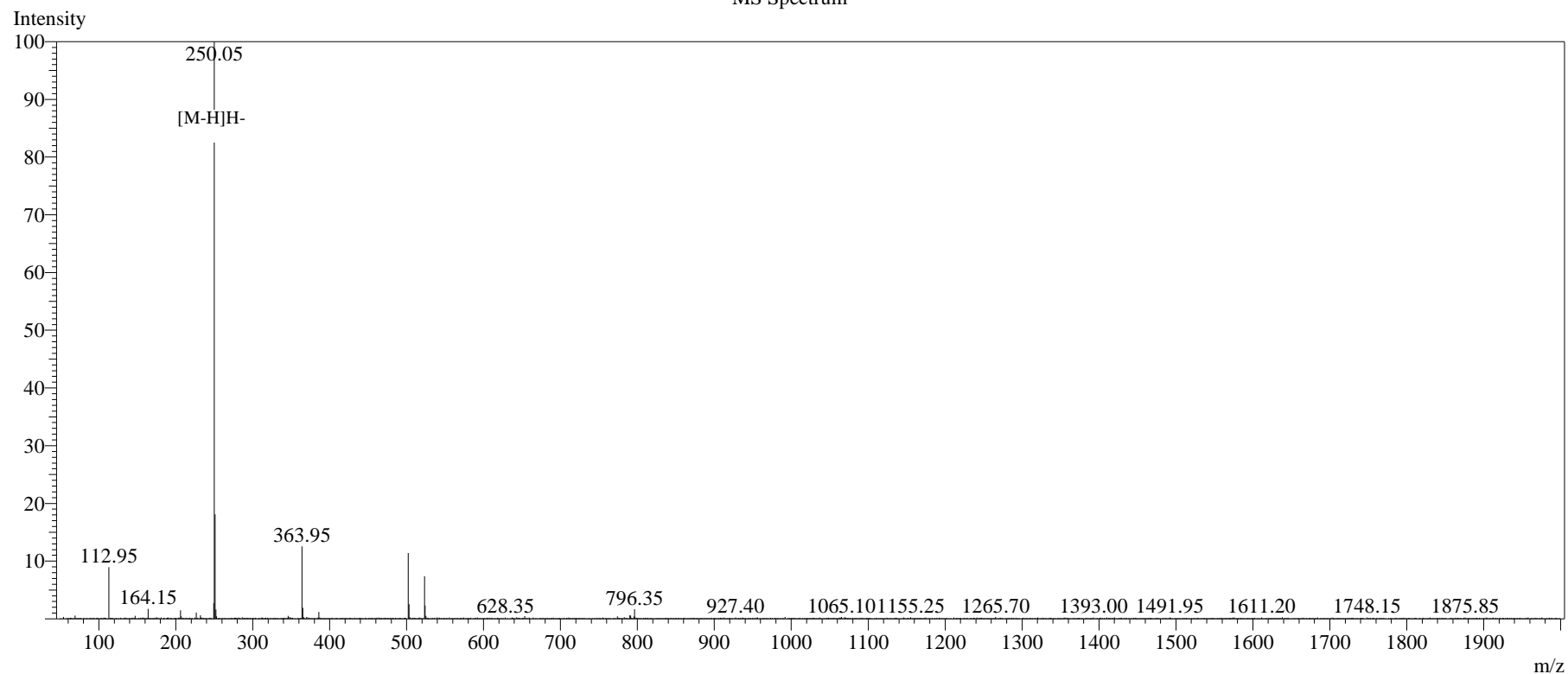


Peak Table

Detector A 214nm

Peak#	Ret. Time	Area	Height	Area%
1	16.816	24600845	1952214	99.482
2	17.204	33302	2985	0.135
3	18.393	67975	8414	0.275
4	26.363	26739	2970	0.108
Total		24728860	1966583	100.000

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2026/02/10 15:01:51	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250°C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:MTFA33291
Name	:BHB-Phe peptide
Sequence	:{BHB}-Phe
Lot.No	:MTFA33291-250905
Theoretical	:251.30
Observed	:251.15