

CERTIFICATE OF ANALYSIS

Product Name	H-Pro-Pro-Pro-Pro-OH, Cat.#: 312013 (TFA removed)
Lot No.	P260720-CL159431
Sequence	PPPP
Dissolution condition	100%H ₂ O
Modification	Acetate salt
Molecular Weight (MW)	406.30
Storage	-20°C

Test Items	Specifications	Results
MW by MS	406.48	Conforms
Purity by HPLC	>95%	96.26%
Endotoxin Content	N/A	N/A
TFA solubility	N/A	N/A
Moisture content	N/A	N/A
Peptide content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	40mg	5mg*8

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:



Aug/05/2026

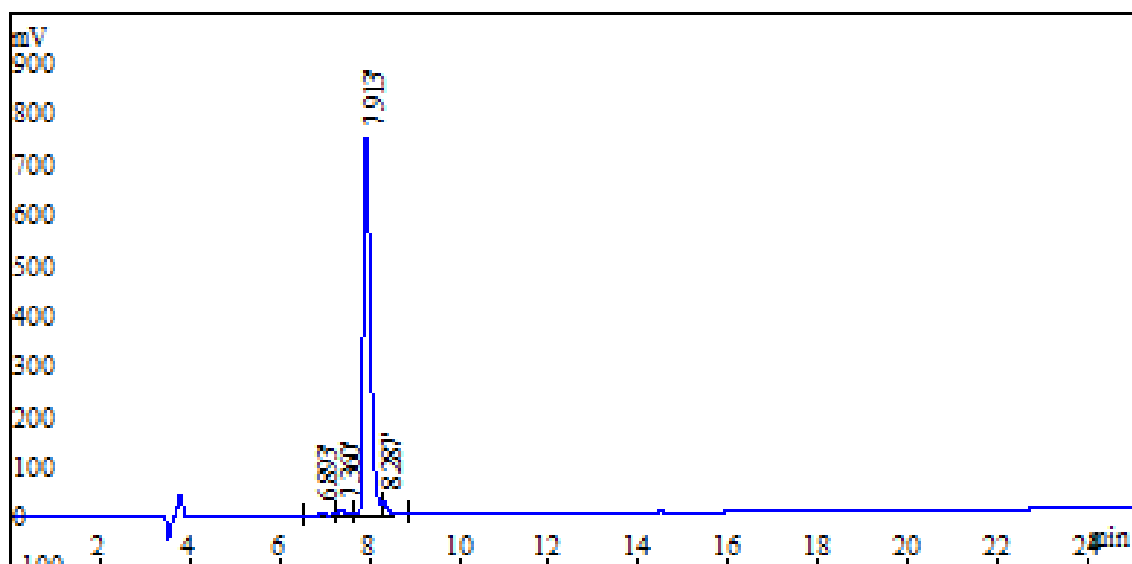
Quality Assurance Department



Sample Information

Order ID : N/A
 Name : H-Pro-Pro-Pro-Pro-OH, Cat.#: 312013 (TFA removed)
 Sequence : PPPP
 Lot. No : P260720-CL159431
 Pump A : 0.1%TFA in 100%water
 Pump B : 0.1%TFA in 100%acetonitrile
 Total Flow : 1ml/min
 Wavelength : 220nm
 Analytical column type : 250*4.6mm,Boston Green ODS-AQ
 Dissolution method : 100%H₂O

Chromatogram

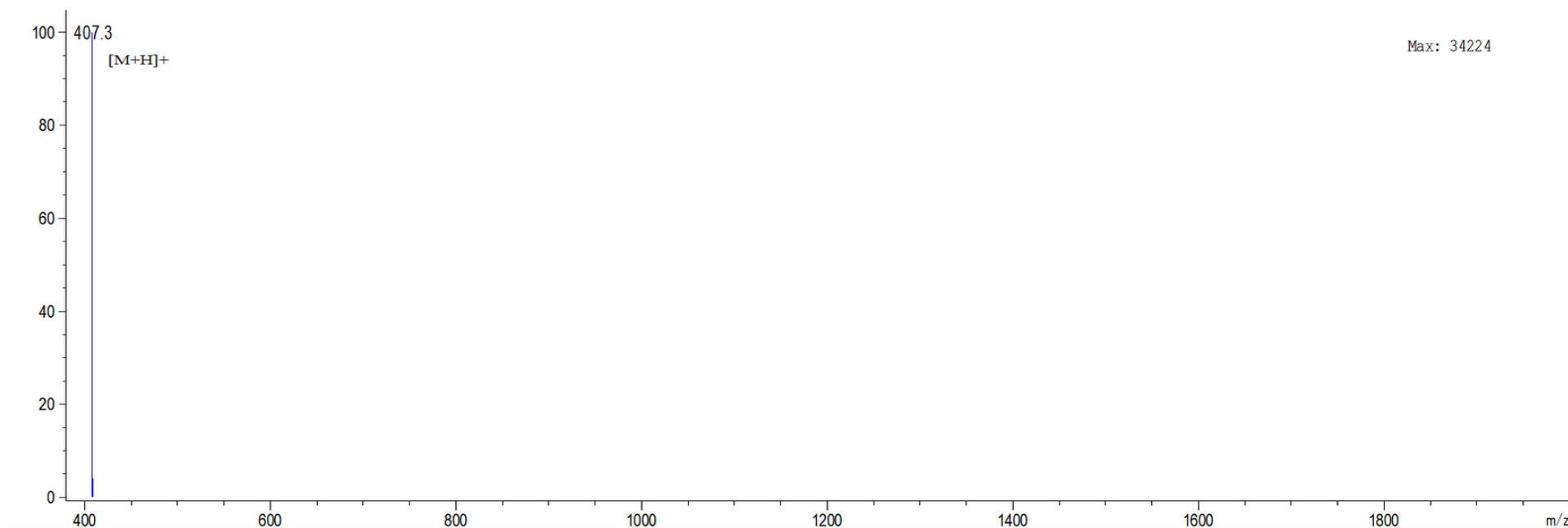


Peak Table

Detector A 220nm

Peak#	Ret. Time	Area	Height	Area%
1	6.893	39629	2862	0.5001
2	7.360	69233	6438	0.8736
3	7.913	7627850	743975	96.26
4	8.287	187811	23722	2.37
Total	-	7924523	776997	100

MS Spectrum



Sample Information

Date Acquired	: 2026/07/31	Interface	: ESI	Prerod Bias	: +4.5kv
Block Temp	: 200°C	Nebulizing Gas Flow	: 1.5L/min	Detector	: 1.5kv
Injection Volume	: 1ul	CDL Temp	: 250°C	T.Flow	: 0.2ml/min
		CDL Volt	: -20.0v	B.conc	: 50%H2O/50%ACN
Order ID	: N/A				
Name	: H-Pro-Pro-Pro-Pro-OH, Cat.#: 312013 (TFA removed)				
Sequence	: PPPP				
Lot.No	: P260720-CL159431				
Theoretical	: 406.30				
Observed	: 406.48				