MZ Biolabs
2102 N Country Club Rd
Tucson, AZ 85716
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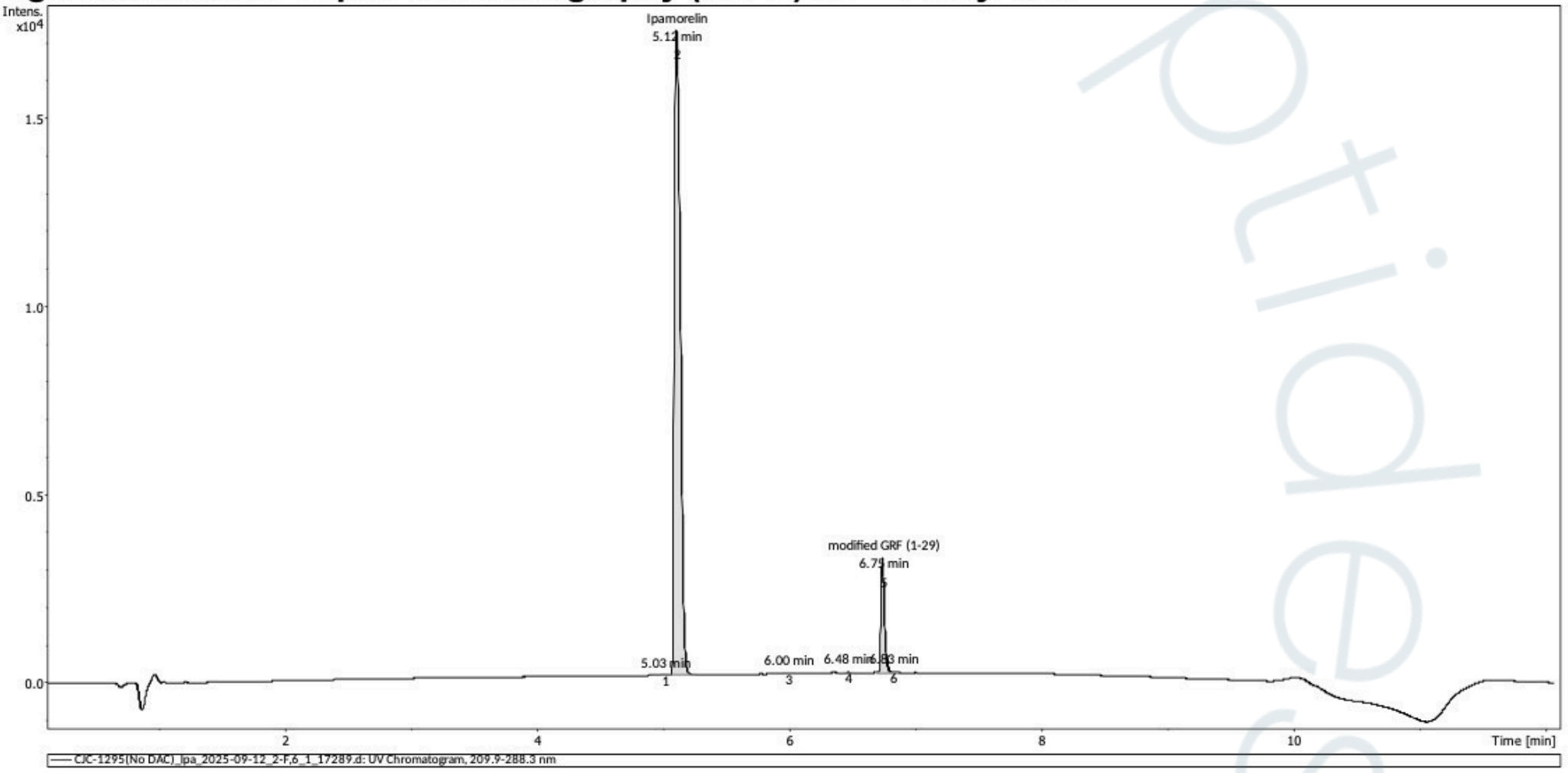
Certificate of Analysis

Ipamorelin, CJC-1295 no DAC

Compound	: Ipamorelin, CJC-1295 no DAC	**Client :**	**Tides Peptides**
Lot number	: 2025-09-12		www.tidespeptides.com
Analysis date	: 2025-09-22		
Purity %	: 99.83%		
Method	: HPLC-UV-MS		

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST — Number of detected peaks: 6

	Time (min)	Area	%Area	
1	5.03	2.25E+01	0.04	
2	**5.12**	**5.71E+04**	**90.70**	**Ipamorelin**
3	6.00	4.50E+01	0.07	
4	6.48	2.91E+01	0.05	
5	**6.75**	**5.75E+03**	**9.13**	**CJC-1295 no DAC**
6	6.83	7.33E+00	0.01	

Overall Purity : 99.83

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com

2025-09-29

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers. These are not normally detected using UV and are not considered impurities.

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Mass Spectrometry(MS)–IdentityTest

IdentityconfirmedusingHPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Note : Monoisotopicm/zvaluesare not easilyseen in fullspectrumviewfor larger moleculesandpeptides.

The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecularweight frequently reported by vendors and databases as a secondary means of confirmation.

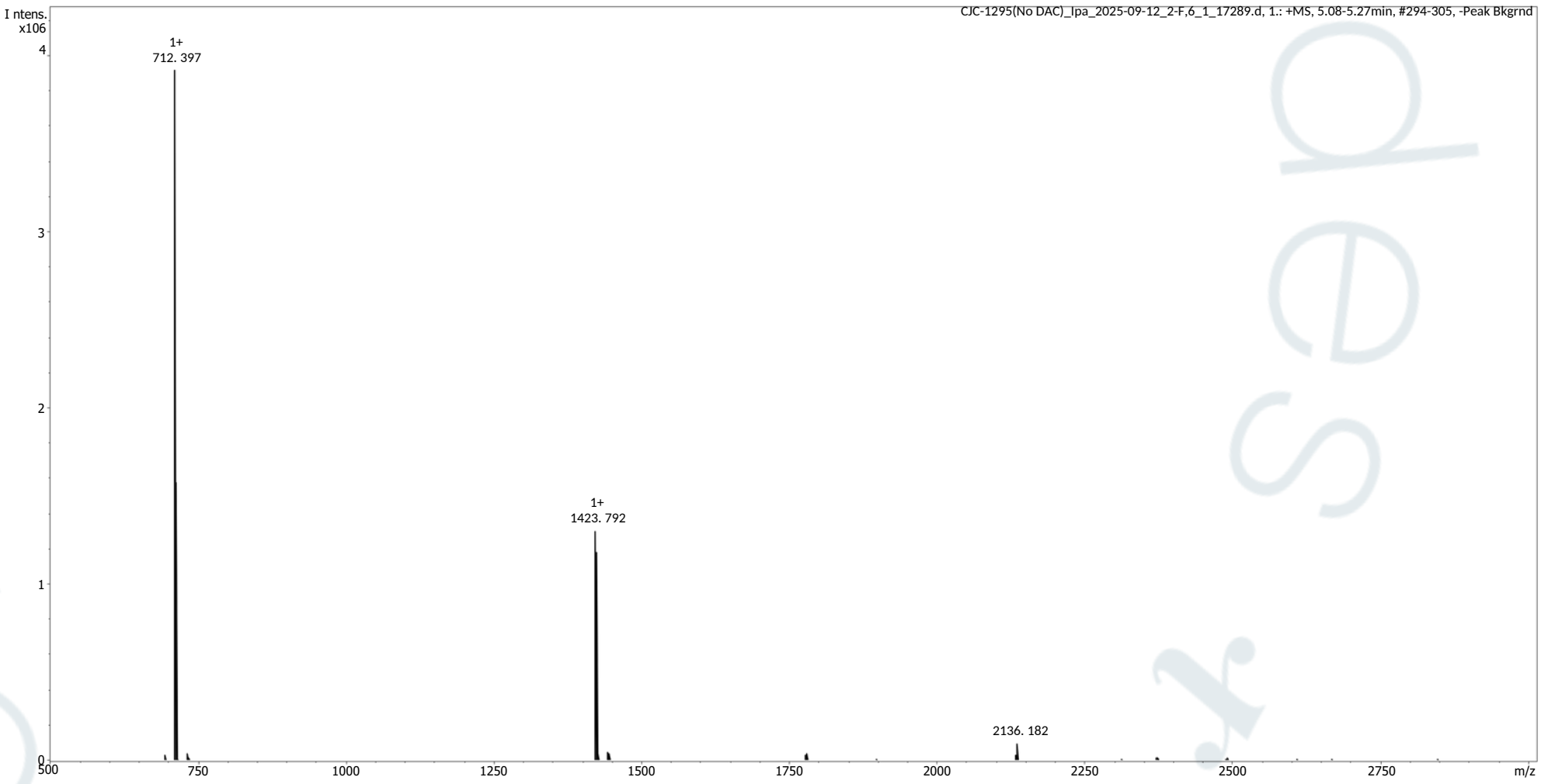
Ipamorelin

PubChem CID: 9831659
https://pubchem.ncbi.nlm.nih.gov/compound/9831659

Expected monoisotopic mass :	711.38	Da
Measured monoisotopic mass :	711.40	Da

Molecular weightconfirmed

Ipamorelin recorded MS Spectrum



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Mass Spectrometry(MS)–IdentityTest

IdentityconfirmedusingHPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Note : Monoisotopicm/zvaluesare not easilyseen in fullspectrumviewfor larger moleculesandpeptides.

The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecularweightfrequently reported by vendors and databases as a secondary means of confirmation.

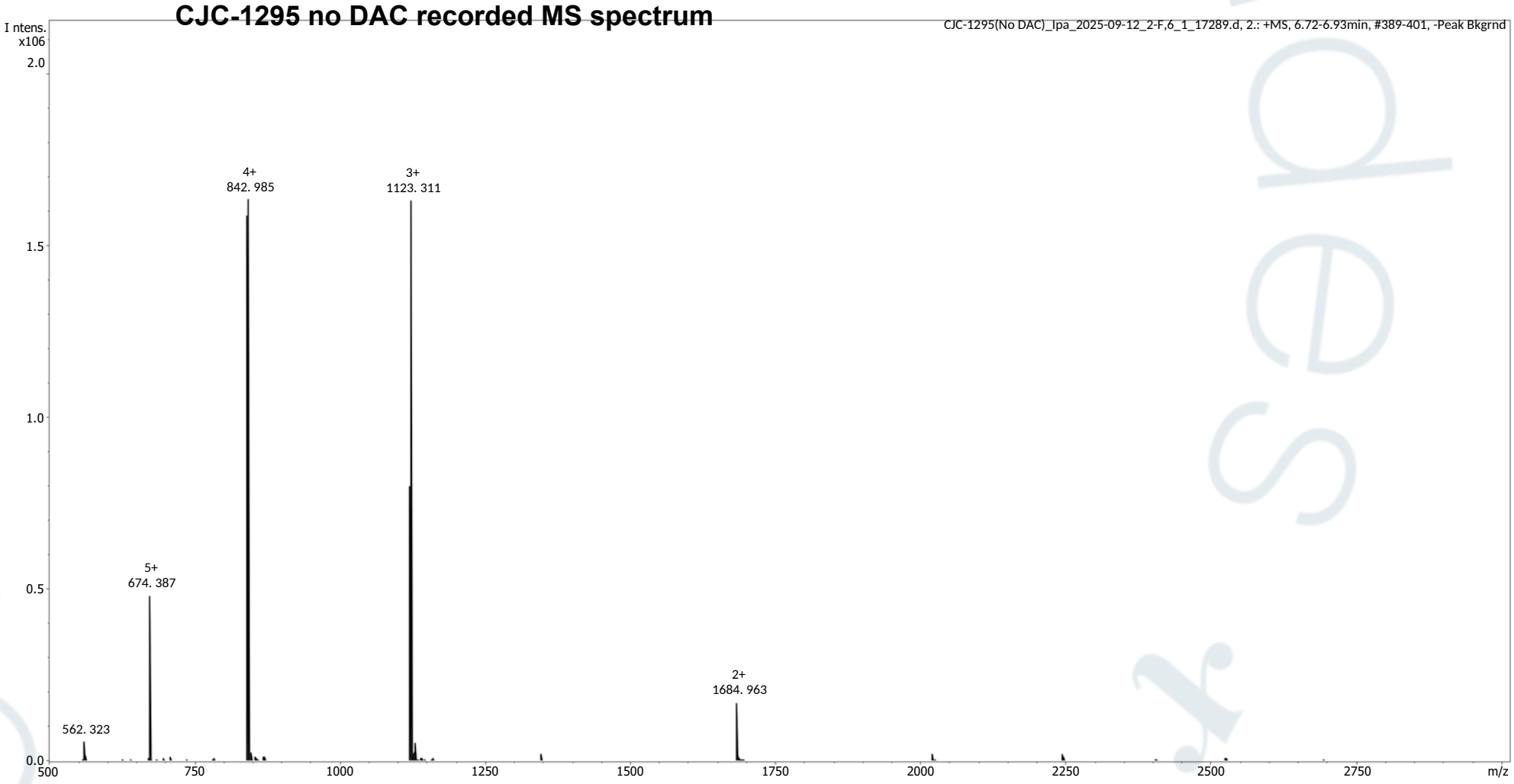
CJC-1295 no DAC

PubChem CID: 91971820
https://pubchem.ncbi.nlm.nih.gov/compound/91971820

Expected monoisotopic mass :	3365.89	Da
Measured monoisotopic mass :	3365.93	Da

Molecular weight confirmed

CJC-1295 no DAC recorded MS spectrum



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2025-09-29

tides™
peptides

CERTIFICATE OF ANALYSIS

Product Name	Ipamorelin	CAS NO.	170851-70-4
Batch NO.	NCIPA250622	Molecular formula	C34H49N9O5
Manufacture Date	June 22, 2025	Molecular weight	711.85
Reference standard	Enterprise Standard		

TEST	SPECIFICATION	RESULTS
Appearance	White or almost white fluffy powder	Conforms
Identity by HPLC	The retention time of the main principal of the test Solution corresponds to that of the reference Solution, as obtained in the assay	Conforms
Solubility	Soluble in H2O	Conforms
Purity(HPLC)	≥ 98%	99.84%
Acetic Acid	≤ 18.0%	15.11%
Water	≤ 8.0%	5.45%
Trifluoroacetic acid	≤ 0.5%	Not detected
pH	5.0~7.0	6.3
Related Substances	Total impurities ≤ 2.0%	0.16%
	Large Single Impurity ≤ 1.0%	0.11%
Bacterial Endotoxins	≤ 10 EU/mg	Conform
Peptide Assay	≥ 75.0%	79.26%
Conclusion	This product conforms to the Enterprise Standard.	

Note: this product is intended for research use only

Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.

tides™
peptides

CERTIFICATE OF ANALYSIS

Product Name	CJC-1295 no DAC	CAS NO.	863288-34-0
Molecular Weight	3367.9 g/mol	Batch NO.	NCCJCN250613
Manufacture Date	June 13, 2025	Retest Date	June 12, 2027
Sequence	Tyr-D-Ala-Asp-Ala-Ile-Phe-Thr-Gln-Ser-Tyr-Arg-Lys-Val-Leu-Ala-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Leu-Ser-Arg		

TEST	SPECIFICATION	RESULTS
Appearance	White to off-white powder powder	Conforms
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time and size to the principal peak in the chromatogram obtained with reference solution	Conforms
Solubility	Soluble in H2O	Conforms
Purity(HPLC)	≥98%	99.3%
Mass Spectrum	3367.9±1.0	3367.5
Assay	80.0%~120%	92.6%
TFA content	≤ 0.5%	Conforms
Acetic acid content	≤ 12.0%	6.9%
Clarity and color of solution	Clear and colorless	Conforms
Water	≤ 10.0%	4.5%
MS	Consistent	Consistent
pH	6.0~9.0	7.0
Phosphate ion	≤ 0.5%	N.D.
Chloride ion	≤ 0.5%	N.D.
Conclusion	This product conforms to in-house Standard.	

Note: this product is intended for research use only

Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.