

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	IPAMORELIN Acetate
Lot No.:	VI720260331-5
Sequence:	{Aib} {His} {D-2-Nal} {d-PHE} {Lys}
Modifications:	C-Terminal Amide

Quality Control

Test Items	Specifications	Results
Appearance	White to off-white lyophilized powder	White to off-white lyophilized powder (Conforms)
Molecular Weight (MS)	712.37±1.0 Da	712.10 Da
Purity by HPLC	>98%	99.9%
Retention Time (HPLC)	±0.2min of Standard	Conforms
Assay	80.0% ~ 120.0%	111.7%
Solubility	5 mg/1ml H ₂ O	Clearly soluble
Acetic Acid Content	≤18.0%	16.0%
TFA Content	≤0.500%	Conforms
DCM Content	≤0.060%	0.001%
DMF Content	≤0.088%	N.D.
Total Aerobic Count	≤100CFU/g	Conforms
Yeast & Molds Count	≤100CFU/g	Conforms
Endotoxins	≤0.5EU/mg	Conforms

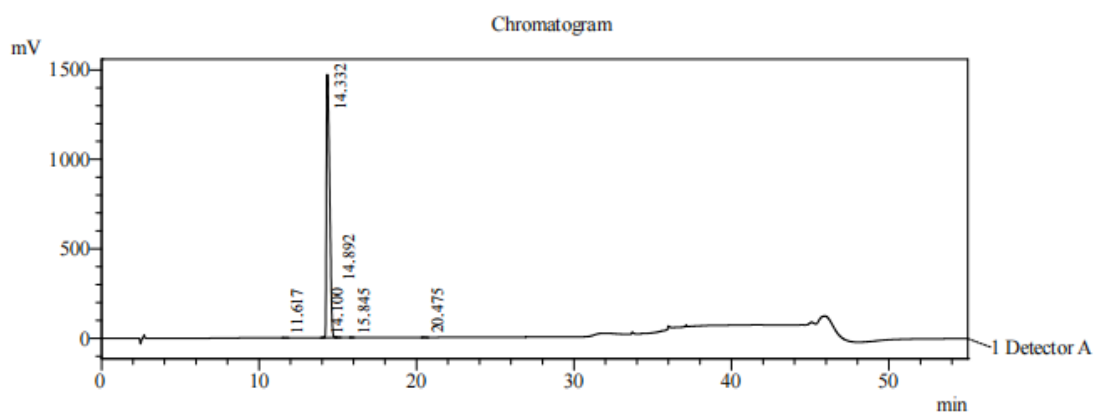
Storage Conditions: -20°C.

Date of Mfg: 31 Mar 2026

Sample Information

Lot. No	VI720260331-5
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%H ₂ O
Acquisition Time	2026/04/02 19:13:42
Inj. Volume	3ul

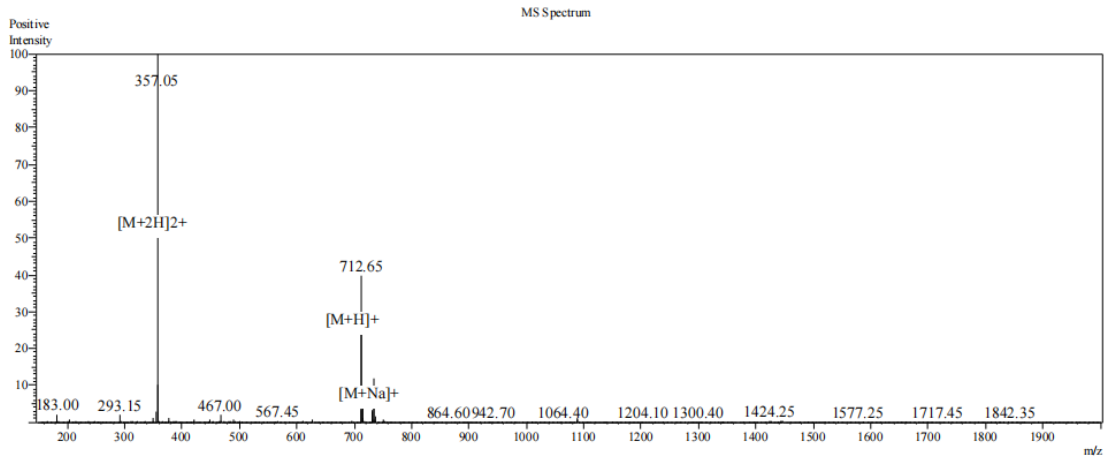
Time	Module	Action	Value
0.01	Pumps	B.Conc	17
25.00	Pumps	B.Conc	32
30.00	Pumps	B.Conc	90
40.00	Pumps	B.Conc	90
41.00	Pumps	B.Conc	17
55.00	Controller	Stop	



PeakTable

Detector A 220nm

Peak#	Ret. Time	Area	Height	Area %
1	11.617	3701	462	0.018
2	14.100	3620	618	0.017
3	14.332	20962693	1471734	99.903
4	14.892	3082	479	0.015
5	15.845	843	135	0.004
6	20.475	9147	1208	0.044
Total		20983085	1474635	100.000



Sample Information		Interface	:ESI	Prerod Bias	:+4.5kv
Dissolution method	:3%HAC+25%ACN+72%H ₂ O	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Date Acquired	:2026/4/2 11:51:23	CDL Temp	:250C	T.Flow	:0.2ml/min
Injection Volume	:1ul	CDL Volt	:0v	B.conc	:30%H ₂ O/70%MeOH
		Block Temp	:200		

Lot No.	VI720260331-5
Theoretical	712.37
Observed	712.10