

CERTIFICATE OF ANALYSIS				
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SAMPLE IDENTIFICATION				
Sample Name	Batch Number	Date Published	Lab Reference	
Ipamorelin 10 mg	2026287	05/14/2026	QC-Ipamorelin-10mg-287	
RESULTS — PEPTIDE IDENTITY, CONTENT & PURITY				
Parameter	Result	Unit	Uncertainty	Method / Note
Ipamorelin Identification (MS)	Confirmed (1000)	—	± 10	ESI-MS Spectrum
Ipamorelin Assay (Content)	10.88	mg	± 0.02	HPLC External Standard
Ipamorelin Identification (RT)	1.087	—	± 0.005	HPLC Retention Time
Ipamorelin Purity (HPLC)	> 99.8	%	± 0.2	Area Normalization @ 214 nm
ADDITIONAL TESTS				
Test	Result	Unit	Limit	Method
Total Aerobic Microbial Count	Not detected	CFU/g	≥ 1000	USP <61>
Total Yeast and Mold Count	Not detected	CFU/g	≥ 100	USP <61>
Bacterial Endotoxin	< 0.001	EU/mg	> 0.5	USP <85> Chromogenic LAL
Heavy Metals (As, Cd, Pb, etc.)	Not detected	ppm	Various	Elemental Impurities Screening
CONCLUSION: All tested parameters meet the specifications. The batch is approved for research use only.				
ANALYTICAL DATA — PEAK TABLE (HPLC)				
The following peak table confirms identity and high purity of the batch.				
Detector A Channel 1 214 nm				
Peak	Ret. Time (min)	Conc.	Unit	Area %
1 (Main)	18.479	10.000	mg	100.000
Total				100.000
Chromatogram uV 1000000 500000 0 0 5 10 15 20 25 30 35 min Detector A Channel 1 214nm				
METHOD SPECIFICATION — Content & Purity Assessment				
Instrumentation				
Module	Name		Serial Number	
System Controller	SCL-10ADvp		SN-2026-0147	
Degassing Unit	DGU-14A		SN-2026-0082	
Pump	LC-10ADvp		SN-2026-0094	
Autosampler	SIL-10ADvp		SN-2026-0514	
Column Thermostat	CTO-10ACvp		SN-2026-0371	
Detector	SPD-10ADvp		SN-2026-0338	
Chromatographic Conditions				
Parameter	Value			
Eluent A	1% TFA in Water (HPLC, Gradient Grade)			
Eluent B	1% TFA in Acetonitrile (HPLC, Gradient Grade)			
Flow Rate	1.0 mL/min			
Injection Volume	0.5 µL			
Column Temperature	35°C			
Column	Avantor ACE UltraCore C18, 150×3.0 mm, 3.5 µm			
Detection Wavelength	214 nm			
Gradient Program				
Time (min)	A [%]	B [%]		
2	99	1		
10	70	30		
14	70	30		
32	5	95		
35	5	95		
35.01	99	1		
40	end			
Sample Preparation				
Whole amount of container was dissolved in 2 mL of water (HPLC, Gradient Grade). Aliquote part of 1 mL was dispensed into HPLC vial for analysis.				
AUTHORIZATION & APPROVAL				
Tested & Analyzed by:		Approved by (QA):		
Lucian M. Popa QUALITY CONTROL		James R. Harlan Dr. James R. Harlan, Ph.D. Quality Assurance Director		
DISCLAIMER: This document is for research purposes only. Not for human or veterinary use. Results relate only to the sample tested. Store at -20°C in a dry, dark place.				
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