Genecore Laboratories®

CERTIFICATE OF ANALYSIS

DOC GL-COA
REPORT GL-IPA10-70402-CT
ISSUED 17/05/2026

INDEPENDENT TESTING • QUALITY ASSURANCE • PEPTIDE ANALYSIS • RESEARCH USE ONLY • CONFIDENTIAL

ANALYSED BY AN INDEPENDENT UK LABORATORY PARTNER USING ESTABLISHED HPLC & LC-MS METHODS.

CERTIFICATE ID	PREPARED FOR	SAMPLE	EXPECTED MW
GL-IPA10-70402-CT	Genesis Peptides	Ipamorelin	N/A (Mixture)
SERVICE TIER	**BATCH / LOT**	**ANALYSIS DATE**	**INSTRUMENT**
Combined - HPLC + LC-MS	70402	17/05/2026	Shimadzu LCMS-8040 • PDA
METHOD	**DETECTION**	**MS IONIZATION**	**ACQUISITION**
HPLC + ESI-MS	UV 215 nm (±4)	ESI+ (positive)	Single injection • UV and MS in line
COLUMN	**MOBILE PHASE**	**FLOW RATE**	**SAMPLE QUANTITY**
Zorbax Extend C18, 4.6 x 150 mm	0.1% Formic Acid in Water / 0.1% Formic Acid in Acetonitrile	0.5ml/min	10 mg (reconstituted)

00 ASSESSMENT

SAMPLE AS RECEIVED

PURITY – HPLC	✓ 99.22%	Major peaks detected at expected retention times. *What this means: the sample is 99.22% pure by HPLC (total peak area).*
IDENTITY – LC-MS	✓ Confirmed	All major components detected with expected masses (mixture). *What this means: the detected molecular weights match the declared components.*

SAMPLE DESCRIPTION & LAB NOTES

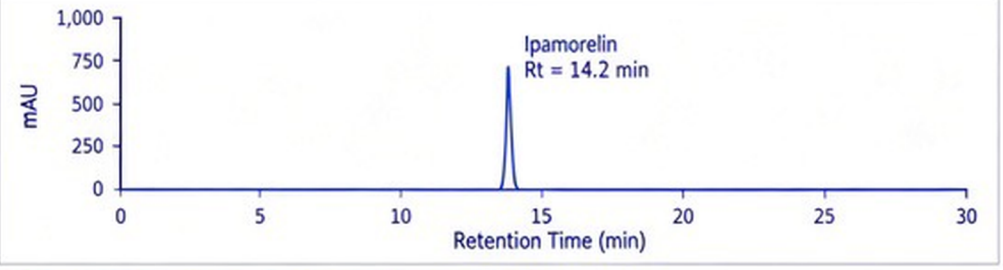
FORM	COLOUR	CONDITION	QUANTITY	MS / IDENTITY MATCH
Lyophilized powder	White to off-white	As Expected	10 mg	Matches expected

LAB NOTES Single peptide component detected in line with ipamorelin composition. No unexpected peaks of significance detected. Quantitation based on UV peak area.



Image for reference only — actual appearance may vary.

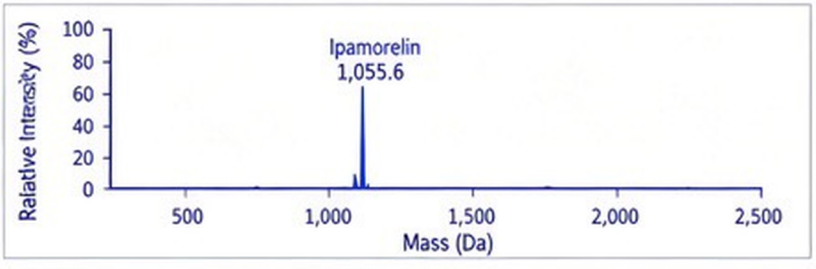
01 HPLC – CHROMATOGRAM



HPLC RESULTS	
Retention Time (Major)	14.2 min
Purity (Area %)	99.22%
Total Impurities	0.78%
Number of Major Peaks	1
Matches Expected	Yes

02 MASS SPECTRUM (DECONVOLUTED)

ESI+ • LC-MS



MS RESULTS (DECONVOLUTED)

Component	Observed Mass (Da)	Expected Mass (Da)	Mass Error (ppm)	Identity
Ipamorelin	1,055.6	1,055.6	0.0	Confirmed