

PRODUCT

Ipamorelin

CATALOG	VA-IPA-5MG
CAS	170851-70-4
FORMULA	C38H49N9O5
MOL. WEIGHT	711.9 avg · 711.38 monoisotopic
SEQUENCE	Aib-His-D-2-Nal-D-Phe-Lys-NH2
FORM	Lyophilized powder
FILL WEIGHT	5 mg
CONTAINER	3 mL vial

BATCH

BATCH IDENTIFIER	
VA-2512-3956	
MANUFACTURED	2026-04-20
FILLED	2026-05-12
ANALYSED	2026-05-15
RETEST BY	2028-04-20
STORAGE	Refrigerated, 2-8 °C, protected from light

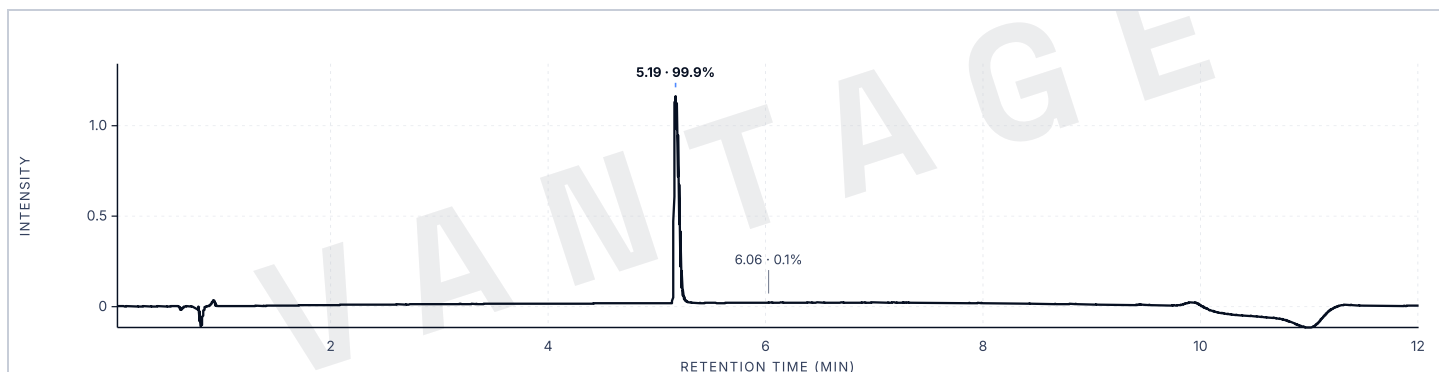
RESULTS

TEST / METHOD	SPECIFICATION	RESULT	STATUS
Appearance Visual inspection (Vantage Aminos)	White lyophilized powder	Conforms	PASS
Identity HPLC-UV-MS, positive polarity (+MS)	Theoretical mass ± 1.0 Da	711.41 Da (theor. 711.38)	PASS
Purity HPLC-UV, area % · DAD 210.1-288.3 nm	≥ 98.0 %	99.90 %	PASS
Quantity Quantitation as reported	90-110 % of label (5 mg)	5.136 mg (102.7 % of label)	PASS
Largest single impurity HPLC-UV, area %	Report	0.1 % at 6.06 min	REPORT
Water content Karl Fischer titration	≤ 8 % w/w	3.74 % w/w	PASS

HOW TO VERIFY THIS CERTIFICATE

- 1 All units are shipped from the most recent batch. Confirm the compound and fill weight shown above match the product you ordered.
- 2 This certificate is published on the product page at <https://vantageaminos.co/product/ipamorelin/>, alongside the certificate for every other batch of this product.
- 3 Any question about this analysis: contact support@vantageaminos.co quoting the batch identifier above.

HPLC CHROMATOGRAM



UV chromatogram, 210.1-288.3 nm

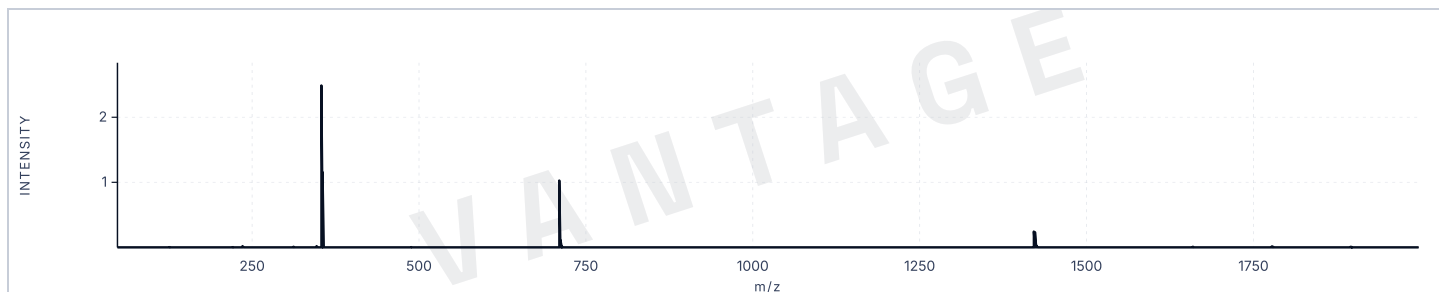
PEAK INTEGRATION

RT (MIN)	AREA	AREA %	ASSIGNMENT
5.19	3.46E+04	99.9	Ipamorelin
6.06	3.58E+01	0.1	unassigned

MASS SPECTROMETRY

Technique	HPLC-UV-MS (as printed on certificate)
Ionisation	Positive polarity (+MS)
Scan range	m/z 48.2 – 1997.5 (as plotted)
Theoretical mass	711.38 Da
Observed mass	711.41 Da
Deviation	+0.03 Da

MASS SPECTRUM



Full-scan mass spectrum. Base peak m/z 356.71

HPLC METHOD

Technique	Reverse-phase HPLC with UV detection, MS confirmation
Detection	210.1-288.3 nm (DAD range, not a single wavelength)