Vanguard ANALYTICAL

CERTIFICATE OF ANALYSIS

VA-26-004811

ISSUED TO

Northwind Research Supply

PRODUCT

Ipamorelin

Lyophilized vial, 10 mg

MASTER LOT	MANUFACTURED	TESTED	COA ISSUED
V261020-1	Oct 8, 2026	Oct 20, 2026	Oct 22, 2026

TESTS ON THIS CERTIFICATE: ENDOTOXIN + HPLC-MS

TEST	METHOD	SPECIFICATION	RESULT	
Purity	HPLC-MS, 220 nm	>= 98.0%	99.48%	PASS
Identity	HPLC-MS (ESI+)	711.9 Da +/- 1.0 Da	711.9 Da	PASS
Net content	HPLC-MS vs. reference standard	Report (mg/vial)	5.04 mg/vial	PASS
Endotoxin	LAL, kinetic chromogenic	Report (EU/mL)	0.5 EU/mL	PASS
Appearance	Visual	White lyophilized powder	Conforms	PASS

ENTERED BY	REVIEWED BY	APPROVED BY
J. Ortiz	A. Kim	Dr. M. Reyes

Verify this certificate

Scan the code or search the COA ID at

demo.vanguardanalytical.com/verify/VA-26-004811

From master batch V261020-1, tested Oct 20, 2026, issued to Northwind Research Supply.