HORIZON
ANALYTICAL LABORATORY

Certificate of Analysis

REPORT NO.	VERIFICATION CODE	REVISION	ISSUED
OCT-26-01	HRZ-Q3PY-8SSP	1	10-NOV-2026

LAB WEBSITE

SAMPLE

5-AMINO-1MQ

Label claim: 100 mg / vial

OVERALL RESULT

Conforms to specification

CLIENT	MANUFACTURER (DECLARED)	BATCH / LOT	APPEARANCE
Orca Life Bio	Orca Life UK	OR-AMQ100-261102	Orange lyophilized powder

TESTING ORDERED	SAMPLE RECEIVED	ANALYSIS CONDUCTED	UNITS TESTED · BLIND CODE
27 OCT 2026	27 OCT 2026	31 OCT 2026	1 vial

PURITY · HPLC-UV	CONTENT · HPLC-UV	IDENTITY · LC-MS	ENDOTOXINS · LAL
99.89 %	98.4 mg	**Confirmed**	Not reported
Area % (HPLC-UV)	98.4 % of label claim	159.08 Da (obs.)	—

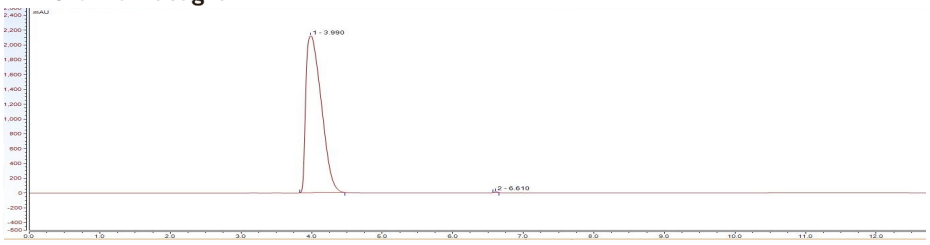
Detailed results

N = VIALS TESTED · SD · RELATIVE SD

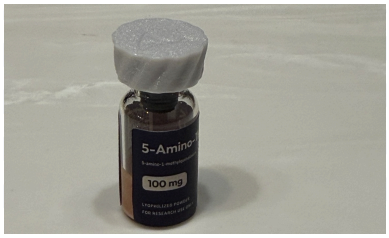
PARAMETER	METHOD	RESULT	N · SD · %RSD	SPECIFICATION	STATUS
Purity (area %)	HPLC-01	99.89 %	1		CONFORMS
Content	HPLC-01	98.4 mg (98.4 %)	1		
Identity	LCMS-02	159.08 Da [M+1H]+1	1		CONFORMS
Largest impurity	HPLC-01	0.11 %	1		

HPLC chromatogram

Vial 1 · 280 nm



Product photo



Method

HPLC-01

Column	C18, 150 x 4.6 mm, 3.5 µm, 40°C
Mobile phase · gradient	0.1% TFA H2O / ACN
Detection	DAD, 280 nm
LOD / LOQ	0.02 % / 0.05 %
Calibration	

Traceability

CHAIN OF CUSTODY

Reference standard	-
Instrument	HPLC-DAD
Storage on receipt	+4°C
Seals on receipt	
Comments	

Yagız Akbaş 31 OCT 2026
Analysed by · date

Yagız Akbaş 10 NOV 2026
Reviewed by · date

Prof. Dr. Gizem Dinler Doganay
Laboratory Director · approved · date

Verify at horizon-biosolutions.com · Verification / signature reference HRZ-Q3PY-8SSP

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