

Semax Nootropic Peptide

Cognitive & Neurological • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Semax Nootropic Peptide	Batch / Lot no.	GP26-2078
Category	Cognitive & Neurological	Strength	10mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3172.1 m/z	[M+H] ⁺ theoretical	3172.7 m/z
[M+2H] ²⁺ observed	1586.9 m/z	Mass deviation	-0.6 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.7 % (area normalisation)	Content, % of label claim	100.7 %
Measured content	10.07 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

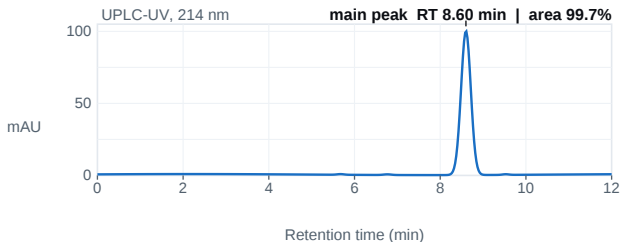


Fig. 1 — UPLC chromatogram; main peak 8.60 min, 99.7% area.

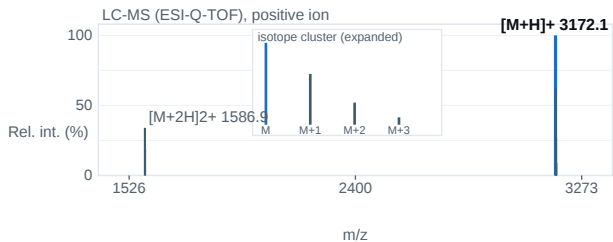


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3172.1 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.7%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. S. Patel	Approved (QA)	Dr. N. Kowalski
Date of test	27 August 2026	Date of manufacture	10 August 2026
Expiry	10 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2078**

Verification key: **L4HK-JM9G**

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