

Semax Nootropic Peptide

Cognitive & Neurological • 5mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Semax Nootropic Peptide	Batch / Lot no.	GP26-2079
Category	Cognitive & Neurological	Strength	5mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	3252.1 m/z	[M+H] ⁺ theoretical	3252.7 m/z
[M+2H] ²⁺ observed	1626.9 m/z	Mass deviation	-0.6 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	98.9 % (area normalisation)	Content, % of label claim	100.2 %
Measured content	5.01 mg/vial (label claim 5mg)		

4. ANALYTICAL DATA

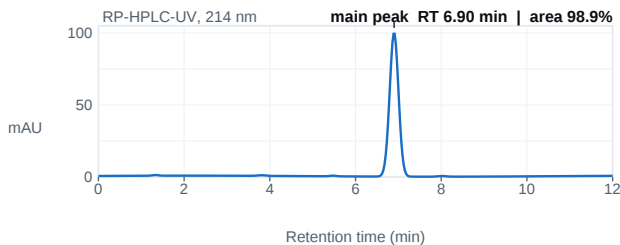


Fig. 1 — HPLC chromatogram; main peak 6.90 min, 98.9% area.

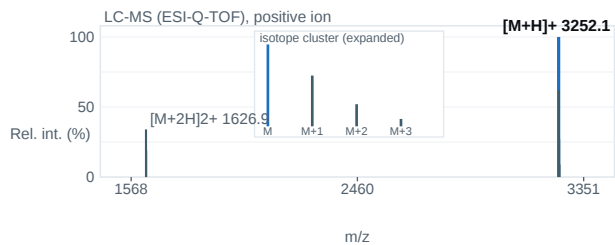


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3252.1 m/z.

RESULT **PASS** — Identity conforms; chromatographic purity 98.9%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. L. Chen	Approved (QA)	Dr. H. Bergström
Date of test	5 September 2026	Date of manufacture	18 August 2026
Expiry	18 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2079**

Verification key: **WK73-VBTM**

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