

PE-22-28 10mg

Cognitive & Neurological • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	PE-22-28 10mg	Batch / Lot no.	GP26-2051
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	2149.6 m/z	[M+H] ⁺ theoretical	2150.1 m/z
[M+2H] ²⁺ observed	1075.6 m/z	Mass deviation	-0.5 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	98.8 % (area normalisation)	Content, % of label claim	99.7 %
Measured content	9.97 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

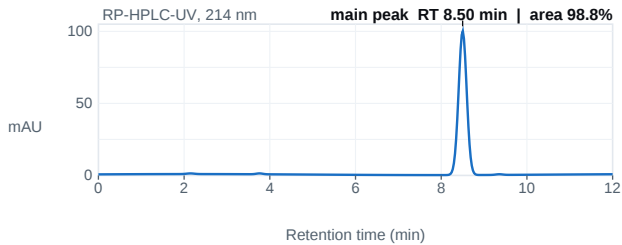


Fig. 1 — HPLC chromatogram; main peak 8.50 min, 98.8% area.

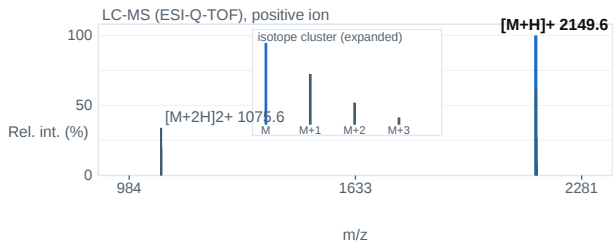


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2149.6 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 98.8%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. L. Chen	Approved (QA)	Dr. N. Kowalski
Date of test	28 August 2026	Date of manufacture	12 August 2026
Expiry	12 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2051**

Verification key: **V3ZF-DTCK**

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