

P21 10mg

Cognitive & Neurological • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	P21 10mg	Batch / Lot no.	GP26-2050
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	4063.6 m/z	[M+H] ⁺ theoretical	4063.5 m/z
[M+2H] ²⁺ observed	2032.3 m/z	Mass deviation	+0.1 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.6 % (area normalisation)	Content, % of label claim	100.2 %
Measured content	10.02 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

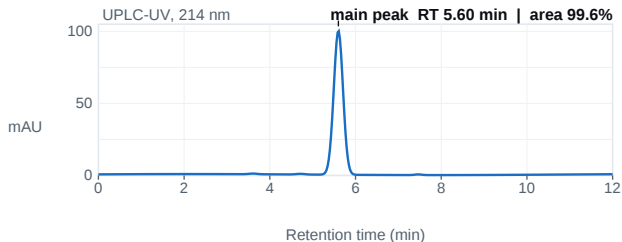


Fig. 1 — UPLC chromatogram; main peak 5.60 min, 99.6% area.

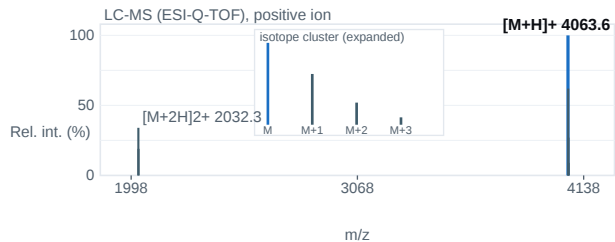


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 4063.6 m/z.

RESULT **PASS** — Identity conforms; chromatographic purity 99.6%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. S. Patel	Approved (QA)	Dr. P. Achebe
Date of test	3 September 2026	Date of manufacture	15 August 2026
Expiry	15 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2050**

Verification key: **GF5F-XFLA**

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