

DSIP (Delta Sleep-Inducing Peptide)

Cognitive & Neurological • 2mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	DSIP (Delta Sleep-Inducing Peptide)	Batch / Lot no.	GP26-2094
Category	Cognitive & Neurological	Strength	2mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1805.6 m/z	[M+H] ⁺ theoretical	1806.1 m/z
[M+2H] ²⁺ observed	903.6 m/z	Mass deviation	-0.5 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	98.9 % (area normalisation)	Content, % of label claim	101.4 %
Measured content	2.03 mg/vial (label claim 2mg)		

4. ANALYTICAL DATA

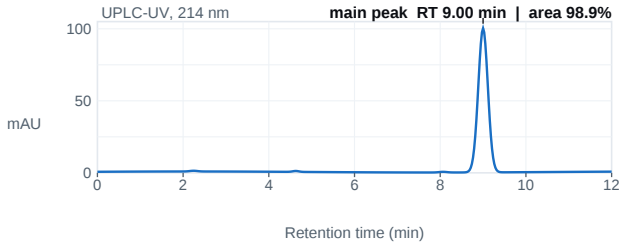


Fig. 1 — UPLC chromatogram; main peak 9.00 min, 98.9% area.

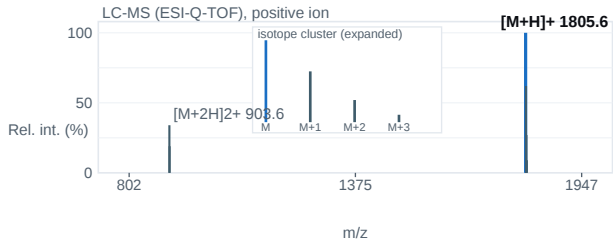


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1805.6 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 98.9%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. M. Hassan	Approved (QA)	Dr. H. Bergström
Date of test	2 September 2026	Date of manufacture	17 August 2026
Expiry	17 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2094**

Verification key: **FN9E-2WRH**

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