

DSIP (Delta Sleep-Inducing Peptide)

Cognitive & Neurological • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	DSIP (Delta Sleep-Inducing Peptide)	Batch / Lot no.	GP26-2092
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	1895.5 m/z	[M+H] ⁺ theoretical	1896.0 m/z
[M+2H] ²⁺ observed	948.5 m/z	Mass deviation	-0.5 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	UPLC	Method	UPLC-UV, 214 nm
Chromatographic purity	99.0 % (area normalisation)	Content, % of label claim	99.5 %
Measured content	9.95 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

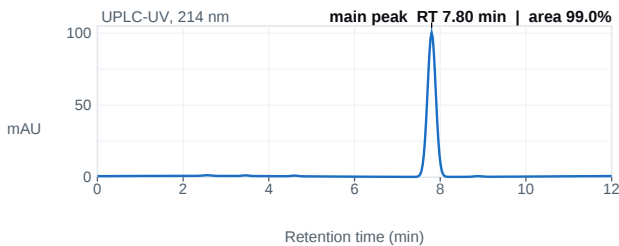


Fig. 1 — UPLC chromatogram; main peak 7.80 min, 99.0% area.

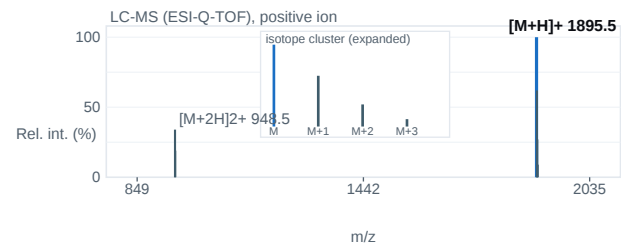


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1895.5 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.0%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. S. Patel	Approved (QA)	Dr. P. Achebe
Date of test	30 August 2026	Date of manufacture	11 August 2026
Expiry	11 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2092**

Verification key: **URLC-KK9Z**

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