

DSIP (Delta Sleep-Inducing Peptide)

Cognitive & Neurological • 15mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	DSIP (Delta Sleep-Inducing Peptide)	Batch / Lot no.	GP26-2091
Category	Cognitive & Neurological	Strength	15mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	2992.0 m/z	[M+H] ⁺ theoretical	2991.8 m/z
[M+2H] ²⁺ observed	1496.4 m/z	Mass deviation	+0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.8 % (area normalisation)	Content, % of label claim	100.0 %
Measured content	15 mg/vial (label claim 15mg)		

4. ANALYTICAL DATA

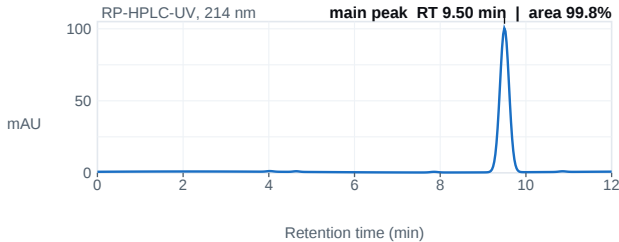


Fig. 1 — HPLC chromatogram; main peak 9.50 min, 99.8% area.

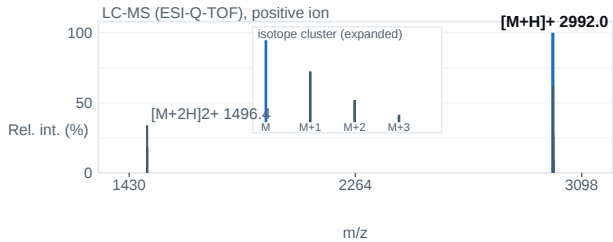


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2992.0 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.8%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. K. Yamamoto	Approved (QA)	Dr. H. Bergström
Date of test	20 August 2026	Date of manufacture	5 August 2026
Expiry	5 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2091**

Verification key: **HKRV-74NN**

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