

Dermorphin

Cosmetic & Skin • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Dermorphin	Batch / Lot no.	GP26-2019
Category	Cosmetic & Skin	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	2136.0 m/z	[M+H] ⁺ theoretical	2136.2 m/z
[M+2H] ²⁺ observed	1068.6 m/z	Mass deviation	-0.2 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	98.9 % (area normalisation)	Content, % of label claim	101.2 %
Measured content	10.12 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

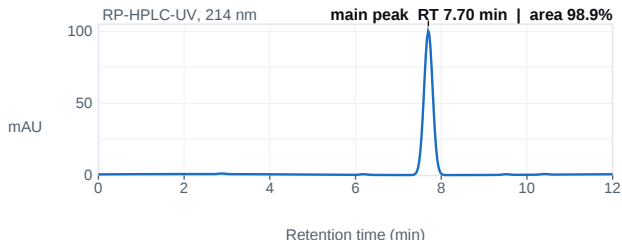


Fig. 1 — HPLC chromatogram; main peak 7.70 min, 98.9% area.

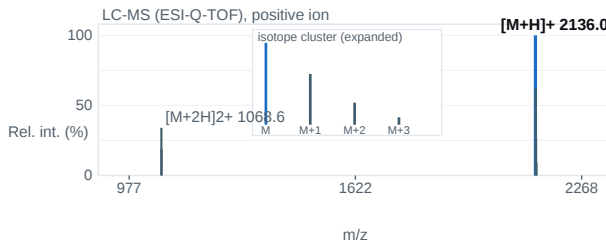


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2136.0 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 98.9%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. R. Okonkwo	Approved (QA)	Dr. H. Bergström
Date of test	30 August 2026	Date of manufacture	13 August 2026
Expiry	13 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2019**

Verification key: **HCYT-CLN5**

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