

Melanotan II (MT2)

Cosmetic & Skin • 5mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Melanotan II (MT2)	Batch / Lot no.	GP26-2109
Category	Cosmetic & Skin	Strength	5mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	2435.1 m/z	[M+H] ⁺ theoretical	2435.5 m/z
[M+2H] ²⁺ observed	1218.3 m/z	Mass deviation	-0.4 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	98.9 % (area normalisation)	Content, % of label claim	99.7 %
Measured content	4.99 mg/vial (label claim 5mg)		

4. ANALYTICAL DATA

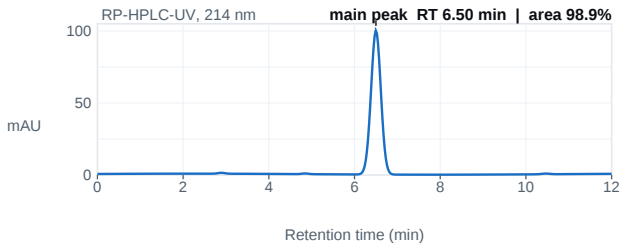


Fig. 1 — HPLC chromatogram; main peak 6.50 min, 98.9% area.

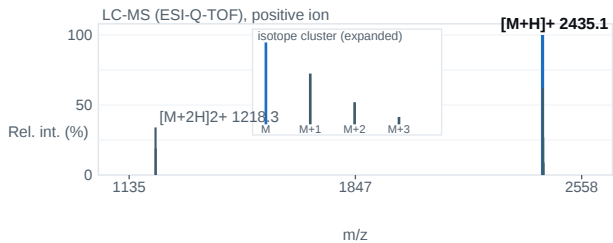


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 2435.1 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 98.9%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. A. Novak	Approved (QA)	Dr. H. Bergström
Date of test	29 August 2026	Date of manufacture	14 August 2026
Expiry	14 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2109**

Verification key: **K4J2-P8AR**

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