

Puralytix Analytical Laboratories

Independent third-party analytical laboratory

ISO/IEC 17025:2017 (ref. PLX-UKAS-8847)

Palmitoyl Pentapeptide-4 (Pal-KTTKS) 10mg

Cosmetic & Skin • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Palmitoyl Pentapeptide-4 (Pal-KTTKS) 10mg	Batch / Lot no.	GP26-2043
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	3796.6 m/z	[M+H] ⁺ theoretical	3796.7 m/z
[M+2H] ²⁺ observed	1898.9 m/z	Mass deviation	-0.1 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.2 % (area normalisation)	Content, % of label claim	100.8 %
Measured content	10.08 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

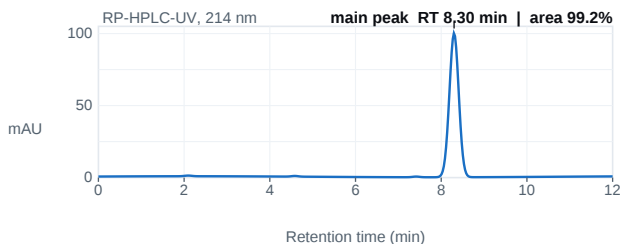


Fig. 1 — HPLC chromatogram; main peak 8.30 min, 99.2% area.

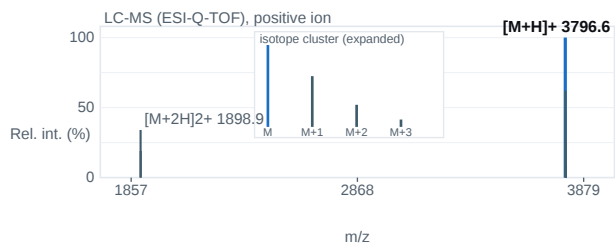


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3796.6 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.2%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. S. Patel	Approved (QA)	Dr. H. Bergström
Date of test	2 September 2026	Date of manufacture	15 August 2026
Expiry	15 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2043**

Verification key: **RFNT-GC6J**

puralytix.com/report-verification

Enter the report ID and verification key on the page above, or scan the QR code, to confirm this certificate is genuine.



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