

AHK-Cu

Repair & Recovery • 100mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	AHK-Cu	Batch / Lot no.	GP26-2007
Category	Repair & Recovery	Strength	100mg
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1024.0 m/z	[M+H] ⁺ theoretical	1024.0 m/z
[M+2H] ²⁺ observed	512.5 m/z	Mass deviation	+0.0 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.5 % (area normalisation)	Content, % of label claim	101.4 %
Measured content	101.4 mg/vial (label claim 100mg)		

4. ANALYTICAL DATA

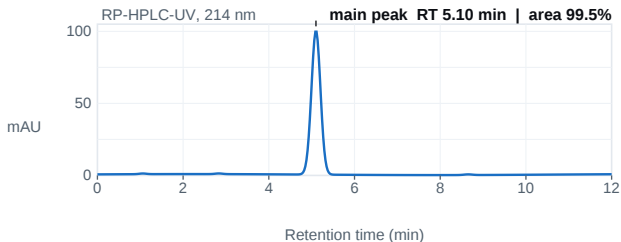


Fig. 1 — HPLC chromatogram; main peak 5.10 min, 99.5% area.

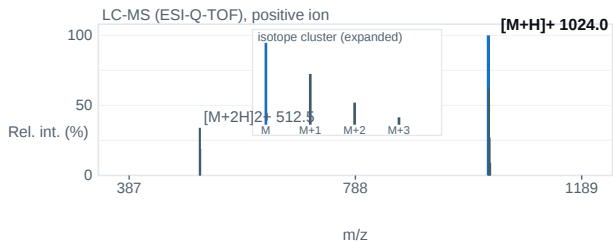


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1024.0 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.5%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. K. Yamamoto	Approved (QA)	Dr. H. Bergström
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: **GP26-2007**

Verification key: **U6TL-RW6B**

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