

ARA-290 10mg

Repair & Recovery • 10mg • Research Use Only

1. SAMPLE IDENTIFICATION

Product	ARA-290 10mg	Batch / Lot no.	GP26-2009
Category	Repair & Recovery	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	3421.1 m/z	[M+H] ⁺ theoretical	3421.5 m/z
[M+2H] ²⁺ observed	1711.3 m/z	Mass deviation	-0.4 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.4 % (area normalisation)	Content, % of label claim	100.4 %
Measured content	10.04 mg/vial (label claim 10mg)		

4. ANALYTICAL DATA

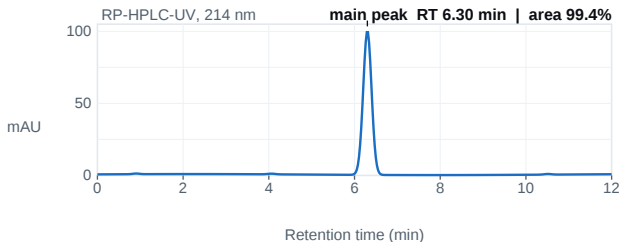


Fig. 1 — HPLC chromatogram; main peak 6.30 min, 99.4% area.

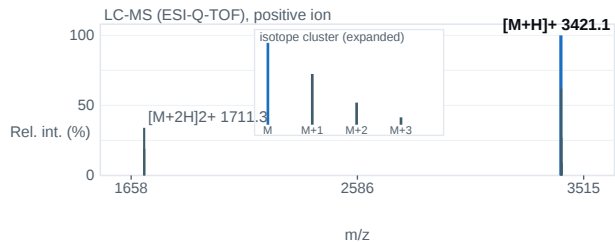


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 3421.1 m/z.

RESULT

PASS — Identity conforms; chromatographic purity 99.4%

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. L. Chen	Approved (QA)	Dr. N. Kowalski
Date of test	2 September 2026	Date of manufacture	14 August 2026
Expiry	14 August 2029	Laboratory	Puralytix Analytical Laboratories

Verify this certificate

Report ID: **GP26-2009**

Verification key: **MS2D-JMRD**

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