

Vitamin B12 10ml

Metabolic & Longevity • 10ml • Research Use Only

1. SAMPLE IDENTIFICATION

Product	Vitamin B12 10ml	Batch / Lot no.	GP26-2063
Category	Metabolic & Longevity	Strength	10ml
Presentation	Research Vial	Dosage form	Lyophilised Powder

2. IDENTITY CONFIRMATION

Method	LC-MS (ESI-Q-TOF)	Result	Conforms to reference standard
[M+H] ⁺ observed	1162.1 m/z	[M+H] ⁺ theoretical	1162.5 m/z
[M+2H] ²⁺ observed	581.8 m/z	Mass deviation	-0.4 Da

3. PURITY AND QUANTITATIVE CONTENT

Technique	HPLC	Method	RP-HPLC-UV, 214 nm
Chromatographic purity	99.7 % (area normalisation)	Content, % of label claim	99.5 %

4. ANALYTICAL DATA

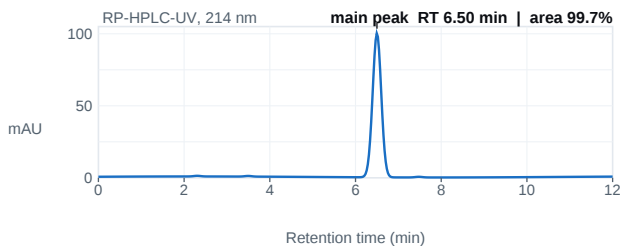


Fig. 1 — HPLC chromatogram; main peak 6.50 min, 99.7% area.

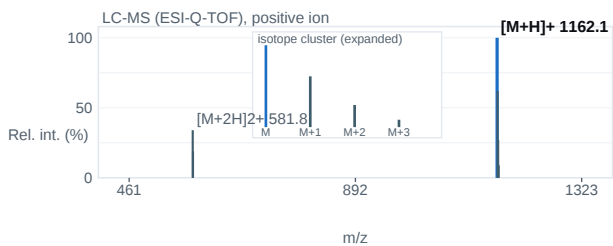


Fig. 2 — ESI-Q-TOF mass spectrum; base peak [M+H]⁺ 1162.1 m/z.

RESULT **PASS — Identity conforms; chromatographic purity 99.7%**

5. AUTHORISATION AND VERIFICATION

Analyst	Dr. K. Yamamoto	Approved (QA)	Dr. N. Kowalski
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: **GP26-2063**

Verification key: **28KX-SUDU**

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