

Sample Received: **March 26, 2026**

COA Issued: **April 3, 2026**

PRODUCT INFORMATION

Vendor: **American Peptides** Sample Name: **MT-1 10mg** Sample Type: **White lyophilized powder** Batch Number: **MT110-0318** MW: **1646.8 g/mol**

ANALYTICAL METHODS

Identity: Confirmed via MALDI-MS

Purity: RP-HPLC (214 nm)

Content: HPLC quantitation

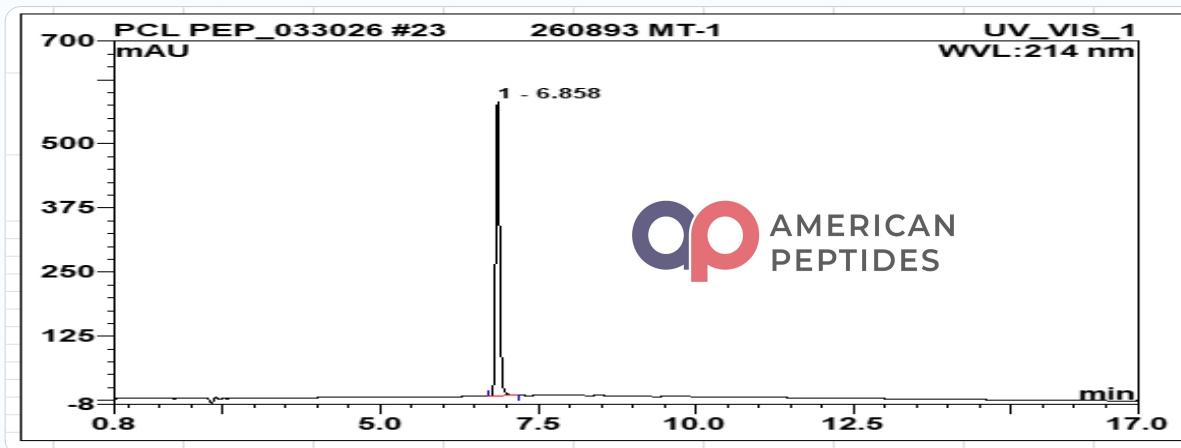
TEST RESULTS

Specification	Result	Method	Status
Identity: MT-1	Melanotan-I	MALDI-MS	✓ Conforms
Content	10.78 mg	Mass Spectrum (MALDI-MS)	✓ Conforms
Overall Purity	99.8%	RP-HPLC (214 nm)	✓ Conforms

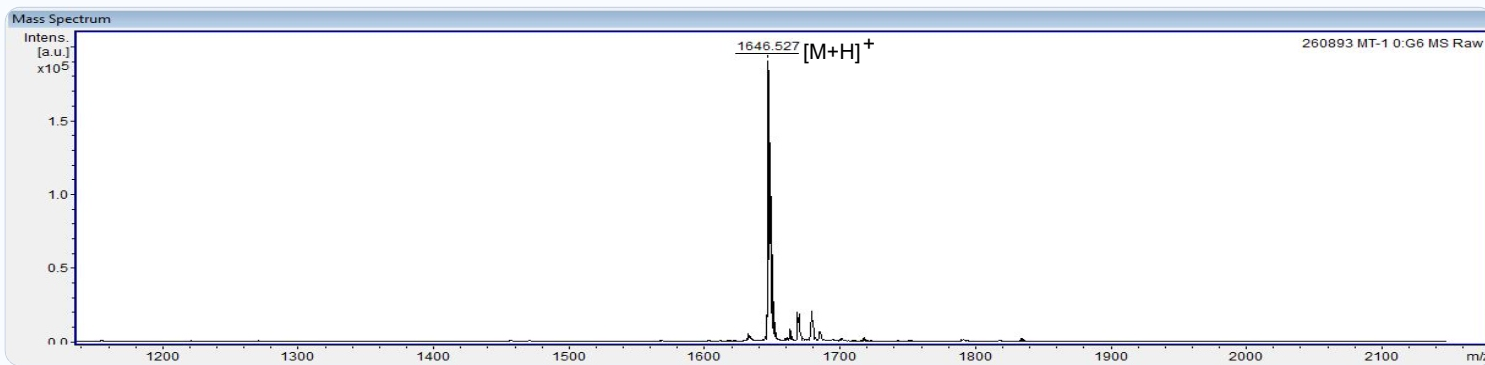
Endotoxin Threshold	Result
Replicate 1	≤ 0.05 EU/mL PASS

ANALYTICAL DATA

HPLC Chromatogram (Retention Time: 6.858 min)



Mass Spectrum (MALDI-MS)



Certification: This COA confirms that the tested material meets or exceeds Bioviridian's analytical quality specifications for peptide research use.



bioviridians.com/coa-search.html

Shane Straight

Shane Straight, M.S.
Principal Chemist, Bioviridian Inc.