CERTIFICATE OF ANALYSIS

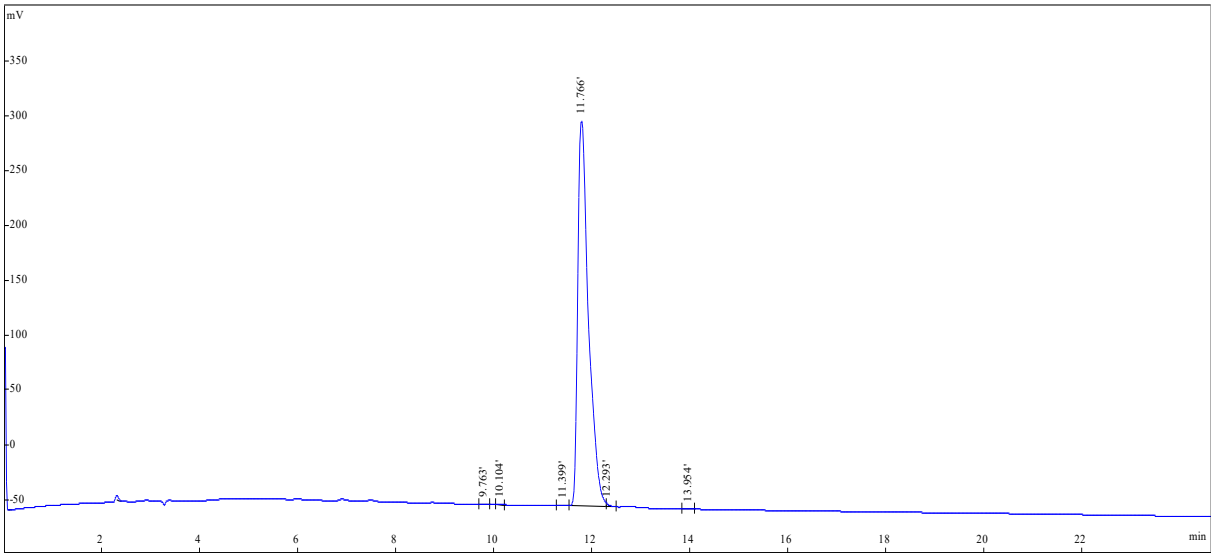
MELANOTAN 2 / 5 mg

Batch number:	**MT10-260421**
CAS No.:	121062-08-6
Molecular Formula:	$C_{50}H_{69}N_{15}O_9$
Molecular Weight:	1024.2
Storage:	Store at 2–8°C. Reconstituted use within 7–14 days Avoid repeated freeze-thaw cycles

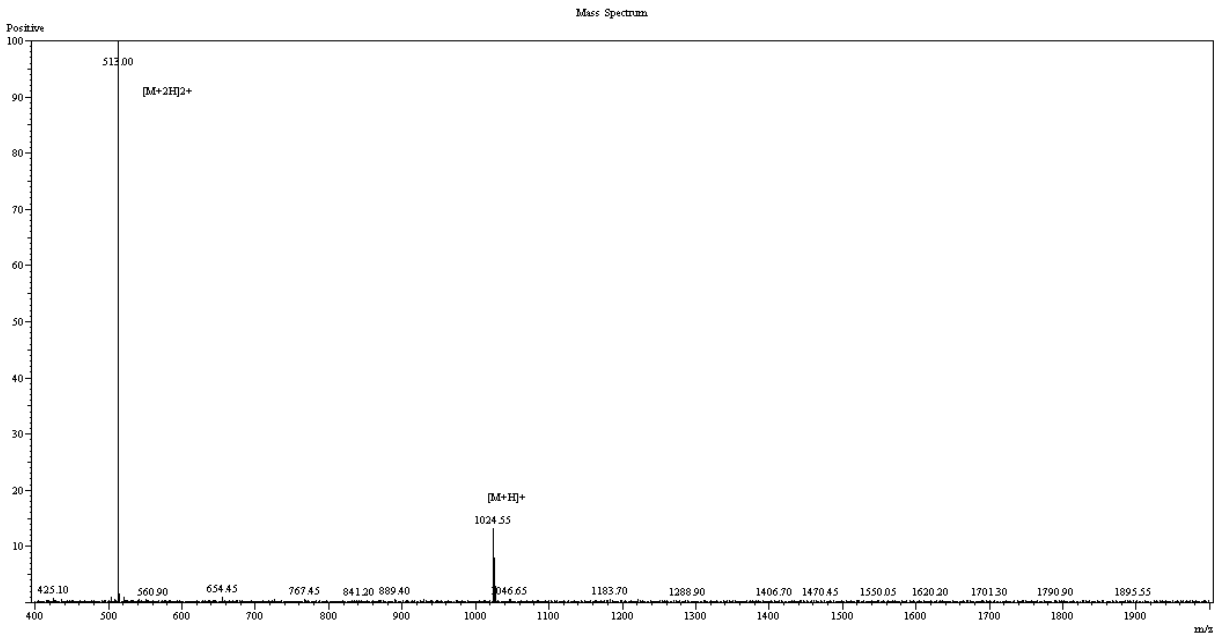
Analytical results

Tests	Specifications	Results
Appearance	White to off white powder	Consistent
Purity(HPLC)	≥98%	99.27%
Water	≤6.0%	3.72%
Acetic Acid	≤12%	7.96%
Trifluoroacetic Acid	≤1%	0.35%
Peptide Content	≥80%	87.94%
MS	Consistent	Consistent
Endotoxin	≤5EU/mg	Consistent

HPLC



MASS SPECTOMETRY



The tested batch MT10-260421 meets internal quality specifications for identity, purity, peptide content, and specified impurity thresholds. This document is a manufacturer-issued quality control report provided for informational and research reference purposes.
Distributed by: https://life-peptide.com
Not intended for human or veterinary use.