



Client: MRP
Accession #: 2606050493
Search Code: MRP2606050493
Received: 06/05/2026
Reported: 06/08/2026
Lot: 823496W

Sample Summary

Product:	MT-1 10mg	Purity:	Vial 1: 99.55% Vial 2: 99.66%
Identity:	Confirmed	Net Content:	Vial 1: 10.85 mg Vial 2: 10.98 mg
Appearance:	White Lyophilized Powder		
Fentanyl Screen:	Negative		

Analytical Results

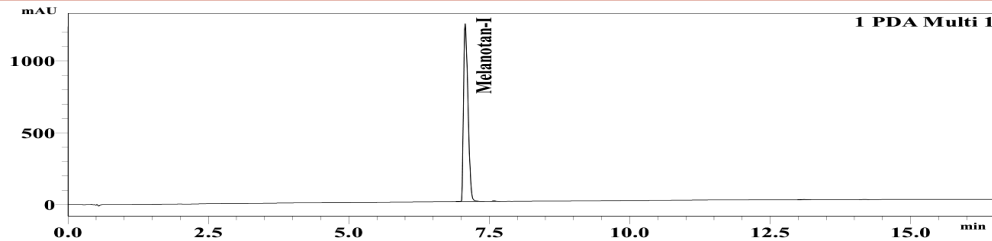
Test	Result
Identity (LC-MS)	Melanotan-I
Purity (HPLC-UV)	99.61%
Net Content Average	10.92 mg

Method: Endotoxin testing performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under validated laboratory conditions.

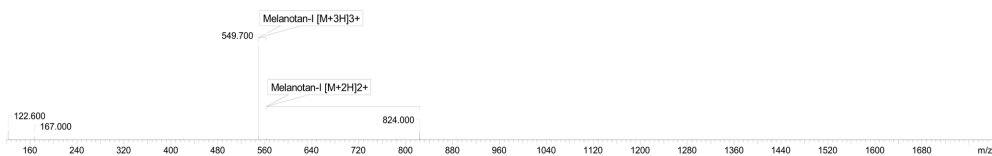
Endotoxin Replicate 1:	Pass	Assay Sensitivity: ≤0.05 EU/mL
Endotoxin Replicate 2:	Pass	Assay Sensitivity: ≤0.05 EU/mL

Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation



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