



**Client:** MRP  
**Accession #:** 2605290410  
**Search Code:** MRP2605290410  
**Received:** 05/29/2026  
**Reported:** 06/01/2026  
**Lot:** BHHK237732

### Sample Summary

<b>Product:</b>	MT-2 10mg	<b>Purity:</b>	Vial 1: 99.94% Vial 2: 99.95% Vial 3: 99.92%
<b>Identity:</b>	Confirmed	<b>Net Content:</b>	Vial 1: 11.46 mg Vial 2: 9.56 mg Vial 3: 10.51 mg
<b>Appearance:</b>	White Lyophilized Powder	<b>Fentanyl Screen:</b>	Negative

### Analytical Results

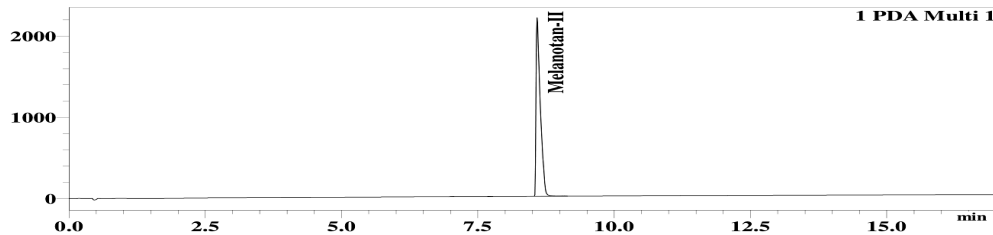
Test	Result
<b>Identity (LC-MS)</b>	Melanotan-II
<b>Purity (HPLC-UV)</b>	99.94%
<b>Net Content Average</b>	10.51 mg

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

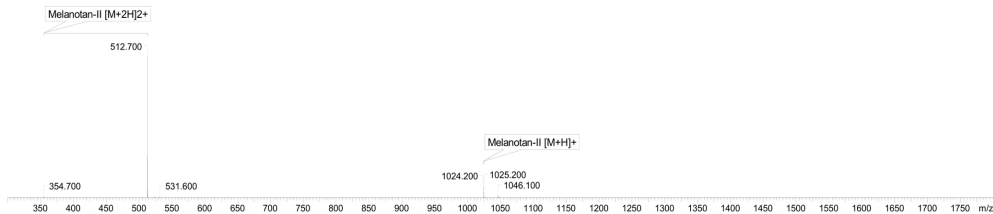
<b>Endotoxin Replicate 1:</b>	Pass	Assay Sensitivity: ≤0.05 EU/mL
<b>Endotoxin Replicate 2:</b>	Pass	Assay Sensitivity: ≤0.05 EU/mL

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

#### Chromatogram



#### Mass Confirmation



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