



<b>Client:</b>	Pep Rally Research
<b>Accession #:</b>	2606020398
<b>Search Code:</b>	PepR2606020398
<b>Received:</b>	06/02/2026
<b>Reported:</b>	06/04/2026
<b>Lot:</b>	MT05292651

### Sample Summary

<b>Product:</b>	Mots-C 10mg	<b>Purity:</b>	Vial 1: 99.25% Vial 2: 99.33% Vial 3: 99.21%
<b>Identity:</b>	Confirmed	<b>Net Content:</b>	Vial 1: 11.60 mg Vial 2: 11.24 mg Vial 3: 11.42 mg
<b>Appearance:</b>	White Lyophilized Powder		
<b>Fentanyl Screen:</b>	Negative		

### Analytical Results

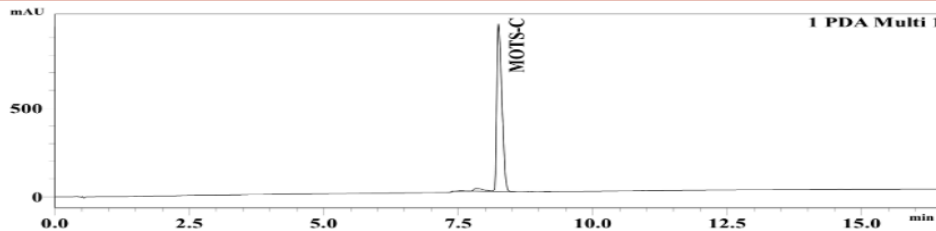
Test	Result
<b>Identity (LC-MS)</b>	MOTS-C
<b>Purity (HPLC-UV)</b>	99.26%
<b>Net Content Average</b>	11.42 mg

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

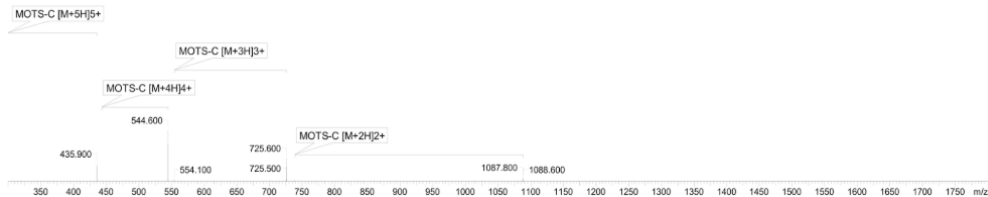
<b>Endotoxin Replicate 1:</b>	Pass	Assay Sensitivity: ≤0.05 EU/mL
<b>Endotoxin Replicate 2:</b>	Pass	Assay Sensitivity: ≤0.05 EU/mL

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

#### Chromatogram



#### Mass Confirmation




Principal Chemist

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