



**Client:** Ironcladbiolabs  
**Accession #:** 2605220093  
**Search Code:** Iron2605220093  
**Received:** 05/22/2026  
**Reported:** 05/24/2026  
**Lot:** icbl 1001

### Sample Summary

<b>Product:</b>	MOTS-C 10mg	<b>Purity:</b>	99.48%
<b>Identity:</b>	Confirmed	<b>Net Content:</b>	11.89 mg
<b>Appearance:</b>	White Lyophilized Powder	<b>Fentanyl Screen:</b>	Negative
<b>Endotoxin Threshold:</b>	Pass		
<b>Microbial Analysis (PCR):</b>	Pass		

### Analytical Results

Test	Result
Identity (LC-MS)	Confirmed
Purity (HPLC-UV)	99.48%
Net Content	11.89 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

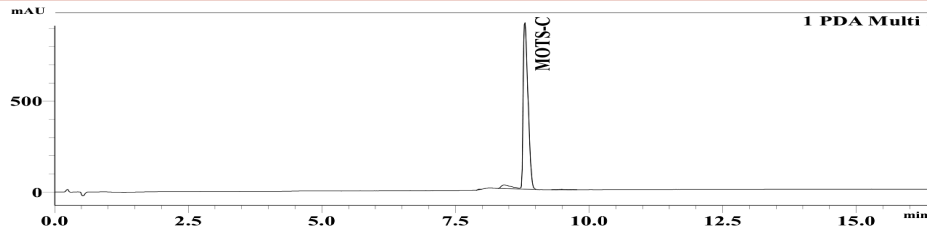
**Endotoxin Replicate 2:** Pass Assay Sensitivity: ≤0.05 EU/mL

**Method:** Microbial detection performed using validated polymerase chain reaction (PCR)-based assay targeting common microbial contaminants.

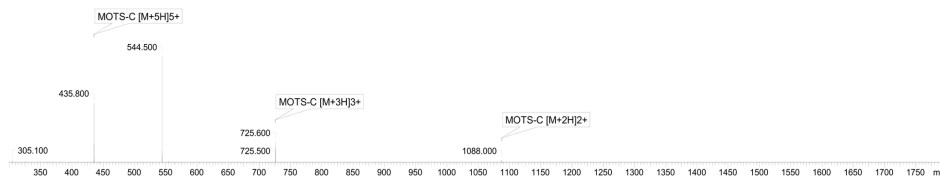
**Microbial Analysis (PCR)** No Detectable Microbial DNA Pass

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

### Chromatogram



### Mass Confirmation




Principal Chemist

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