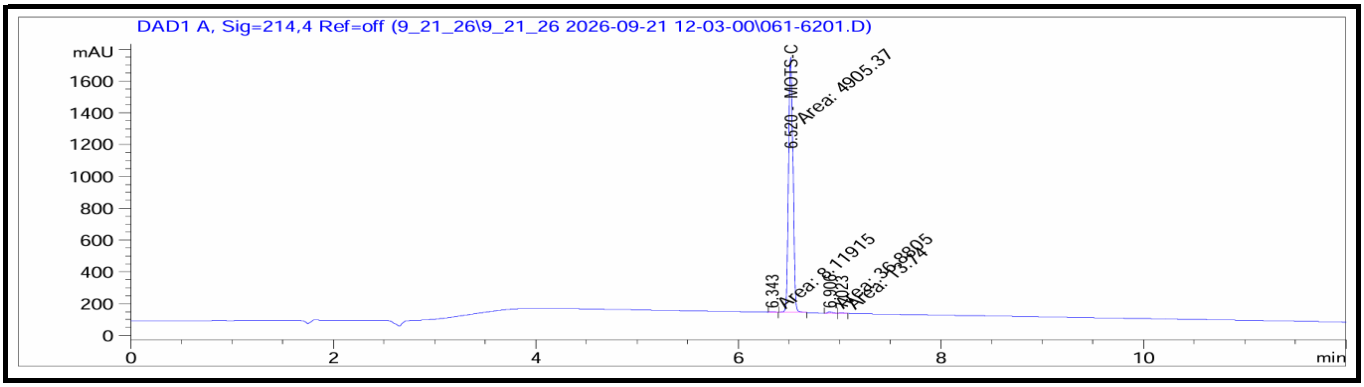
Vanguard Laboratory
2635 Parkmont Ln
Olympia, Wa 98502
360-967-7010

Certificate of Analysis

MOTS-C 40 mg

Report To:
Imperial Compounds

Compound: MOTS-C
Amount: 40 mg
Laboratory ID: V260914-83 001
Lot Number: 44-bcf70628
Date Released: 9/28/2026



Analysis	Method	Result		
Identity	HPLC-UV/VIS	Pass - Matches Ref. Standard		
Chromatographic Purity	HPLC-UV/VIS	98.82%	98.77%	98.75%
Quantity	HPLC-UV/VIS	68.68 mg	72.75 mg	75.54 mg
Fentanly Screening	HPLC-UV/VIS	Pass - Not Detected		

ISO 17025:2017 ACCREDITED LABORATORY

Report By: Dustin Newman, Laboratory Director on 9/28/2026

Approved By: Tori Johnson, Operations Manager on 9/28/2026

Please consult A2LA Certificate #6377.01.01 for a list of accredited tests. Samples were received in acceptable condition. The result(s) in this report relate only to the portion of the sample(s) tested. All analyses were performed consistent with the Vanguard Laboratory Quality Management System. Vanguard Laboratory and its staff did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. Blend purity is the combined chromatographic area % of peaks identified as the intended components, not absolute mass purity. It does not establish individual component purity, quantity, or ratio. Co-eluting or otherwise undetected impurities may not be included, despite peak-purity and spectral-library review.

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Analyte	Method	LOQ (ppm)	Result (ppm)
Arsenic (As)	ICP-MS	0.01	0.01
Cadmium (Cd)	ICP-MS	0.01	ND
Lead (Pb)	ICP-MS	0.01	ND
Mercury (Hg)	ICP-MS	0.005	ND

Run ID: 260927

Analysis	Total Aerobic Count (CFU/mL)	Total Yeast and Mold (CFU/mL)
Bioburden (USP <61>)	<10	<10

Run ID: 260916

Analysis	Method	Result
Endotoxins	LAL	<10.00 EU/Vial

Run ID: 260924,25

Report By: Dustin Newman, Laboratory Director on 9/28/2026

Approved By: Tori Johnson, Operations Manager on 9/28/2026

ND: Non-Detect
LOD: Limit of Quantification

ISO 17025:2017 ACCREDITED LABORATORY

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