

Product Information	
Vendor:	Cenexa Labs (support@cenexalabs.com)
Compound:	MOTS-C
Lot No.:	L2605-04
Quantity:	10mg
Sample Type:	Lyophilized powder
Sequence:	Met-Arg-Trp-Gln-Glu-Met-Gly-Tyr-Ile-Phe-Tyr-Pro-Arg-Lys-Leu-Arg
Modifications:	N/A
Storage Conditions:	-20°C

Quality Control			
Test Items	Specifications	Results	
Appearance	White to off-white lyophilized powder	Conforms	✓
Molecular Weight (MS)	2174.63±1.0 Da	2174.49 Da	✓
Purity By HPLC	>98%	99.36%	✓
Retention Time (HPLC)	±0.2min of Standard	Conforms	✓
Net Peptide Content	≥10mg	10.14mg	✓
Solubility	10 mg/1ml H2O	Clearly soluble	✓
Acetic Acid Content	≤12%	6.04%	✓
TFA Content	≤0.500%	Conforms	✓
DCM Content	≤0.60%	N.D.	✓
DMF Content	≤0.88%	N.D.	✓
Total Aerobic Count	≤100CFU/g	Conforms	✓
Yeast & Mold Count	≤100CFU/g	Conforms	✓
Endotoxins	≤0.5EU/mg	Conforms	✓

Certification:

This COA confirms that the tested material meets or exceeds BioSyn's analytical quality specifications for peptide research use.



David LaPorte

BioSyn Laboratory Director