

Certificate of Analysis



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Sample Identification

Sample Name	MOTS-C 10 mg
Batch Number	2026315
Date Published	2026-05-15 14:51

Results for LYO-0152

Peptides	Result	Unit	Uncertainty	Acceptable Range
MOTS-C Assay Peptide Screening 0.1% TFA	8.64	mg	[± 0.04]	
MOTS-C Purity Peptide Screening 0.1% TFA	99.8	%	[± 0.5]	
MOTS-C Identification by Spectrum (FTIR) Peptide Screening 0.1% TFA	996		[± 5]	
MOTS-C Identification by RT Peptide Screening 0.1% TFA	0.985		[± 0.005]	
Microbiology	Result	Unit	Uncertainty	Acceptable Range
Total Aerobic Microbial Count USP <61>/Eur. Ph. 2.6.12. Plate Count Method	0	CFU/g	[±]	0 - 1000
Total Yeast and Mold Count USP <61>/Eur. Ph. 2.6.12. Plate Count Method	0	CFU/g	[±]	0 - 100
Bacterial Endotoxin Chromogenic USP<85>/ Eur. Ph. 2.6.14. Bacterial Endotoxin Chromogenic Test	< 0.001	EU/mg		0 - 0.5
Elemental Impurities	Result	Unit	Uncertainty	Acceptable Range
Arsenic Elemental Impurities screening USP (232) / Ph. Eur. 5.20 / 2.4.20		ppm		0 - 1.5
Cadmium Elemental Impurities screening USP (232) / Ph. Eur. 5.20 / 2.4.20		ppm		0 - 0.5
Quicksilver Elemental Impurities screening USP (232) / Ph. Eur. 5.20 / 2.4.20		ppm		0 - 1.5
Lead Elemental Impurities screening USP (232) / Ph. Eur. 5.20 / 2.4.20		ppm		0 - 1.5
Nickel Elemental Impurities screening USP (232) / Ph. Eur. 5.20 / 2.4.20		ppm		0 - 25
Vanadium Elemental Impurities screening USP (232) / Ph. Eur. 5.20 / 2.4.20		ppm		0 - 25
Cobalt Elemental Impurities screening USP (232) / Ph. Eur. 5.20 / 2.4.20		ppm		0 - 25
Mass Spectrometry	Result	Unit	Uncertainty	Acceptable Range
Molecular Ion Mass Identification (MS Deconvolution) Mass Spectrometry Identity	2.174 · 10 ³	Da	[± 1]	

Responsibles



Mr. Ján Galbavý
CEO

Analysis results relate only to the samples tested.

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