SeqLine Bio

Certificate of Analysis

Manufacturer's factory QC report

Not a third-party test report

厂家出厂质检报告，非第三方检测报告

Report No. MS40-SLB261023A-R | Presentation v3

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Product	MOTS-c 40 mg
Batch No.	MS40-SLB261020A
Manufactured	2026-10-20 Tested: 2026-10-25 Expiry: 2027-10-20
CAS / composition	1627580-64-6
Packaging	3ML vial lyophilized powder
Standard	Corporate Standard

Test item	Acceptance criteria	Reported result
Molecular weight	Not specified	2174.47Da
Actual content	Not specified	41.2mg
Content (% of label)	Not specified	103%
Coenzyme content	Not specified	Meets standards
HPLC purity	NLT 98.0%	99.63%
Related substances	NMT 0.5%	0.21%
High molecular weight proteins	NMT 0.8%	0.13%
Water content	NMT 3.0%	1.28%
Heavy metals	NMT 10 ppm	ND
Residual solvents	Not specified	Methanol: 85ppm; Acetonitrile: 71ppm; Dichloromethane: 50ppm; N,N-Dimethylformamide: 61ppm
Microbial limit	NMT 100 cfu/g	Meets standards
Total bacterial count	< 1 CFU/mg	Meets standards
Bacterial endotoxins	NMT 0.25 EU/mg	Meets standards
Appearance	Not specified	white powder
Solubility	Not specified	Freely soluble in water
pH	Not specified	5.2
Solution clarity and colour	Not specified	Colour: Clear and transparent
Chromatographic identification	Not specified	Meets standards

Data supplied and confirmed by the manufacturer. Content (%) is expressed relative to the nominal label amount. Only criteria supplied in the source are listed. This presentation is not an independent third-party test report. No chromatogram, spectrum or laboratory signature is supplied with this data.

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