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. ML10-SLB261029A-R | Presentation v2

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Product	Melanotan-2 10 mg
Batch No.	ML10-SLB261025A
Manufactured	2026-10-25 Tested: 2026-10-30 Expiry: 2027-10-25
CAS / composition	121062-08-6
Packaging	3ML vial lyophilized powder
Standard	Corporate Standard

Test item	Acceptance criteria	Reported result
Molecular weight	Not specified	1024.23Da
Actual content	Not specified	10.27mg
Content (% of label)	Not specified	102.7%
Coenzyme content	Not specified	Meets standards
HPLC purity	NLT 98.0%	99.43%
Related substances	NMT 0.5%	0.31%
High molecular weight proteins	NMT 0.8%	0.32%
Water content	NMT 3.0%	1.23%
Heavy metals	NMT 10 ppm	ND
Residual solvents	Not specified	Methanol: 83ppm; Acetonitrile: 65ppm; Dichloromethane: 67ppm; N,N-Dimethylformamide: 49ppm
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	6.2
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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