

SYNEDICA

Certificate of Analysis

ISO 9001:2026 Certified Laboratory

Product Name: Synedica Melanotan 2 Nasal Spray 20mg
Batch Number: MLT-2026-07-B07
Manufacturing Date: 2026-07-15
Expiry Date: 2027-07-15
CAS Number: Refer to specification sheet
Quantity: As per label claim

Analytical Test Results

Test Item	Specification	Result	Status
Appearance	White powder	White powder	Pass
Identification (HPLC)	RT matches standard	RT = 14.56 min	Pass
pH (1% solution)	5.0 - 7.0	6.3	Pass
Water Content (KF)	NMT 5.0%	2.3%	Pass
Peptide Content	NLT 95.0%	98.5%	Pass
Purity (HPLC)	NLT 98.0%	99.7%	Pass
Endotoxin (LAL)	NMT 10 EU/mg	< 0.5 EU/mg	Pass
MS Confirmation	Matches theoretical	Confirmed	Pass
Sterility	Sterile	Sterile	Pass

Conclusion

All specifications meet the established acceptance criteria. The product has been released for research and development use.

Approved by: Dr. Analytical Chemist
QC Laboratory: Synedica Quality Control
Approval Date: 2026-07-15

This certificate applies to the above batch number only. Results reflect the analysis of the sample provided.
This product is intended for research purposes only and is not for human or veterinary use.