

Certificate of Analysis

OP-PG307

November 2025

Product Specifications

Product Name	MGF (Mechano Growth Factor)
CAS Number	12020-86-9
PubChem CID	N/A
Molecular Formula	C ₁₂₁ H ₂₀₀ N ₄₂ O ₃₉
Molecular Weight	2867.1 g/mol
Storage	Powder: -20°C 3 years; 4°C 2 years; 15°C 3 months. In solvent: -80°C 6 months; -20°C 1 month; 10°C 1 week

Test Results

Test	Specification	Result
Appearance	White to off-white lyophilised powder	Conforms
Purity (HPLC)	≥ 98.5%	98.93%
TFA Content	< 0.50%	Conforms

CAUTION: PRODUCT HAS NOT BEEN APPROVED FOR CONSUMPTION. FOR RESEARCH USE ONLY.
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