

Independent Research Testing Center
875 Innovation Drive, Cambridge, MA 02139, USA

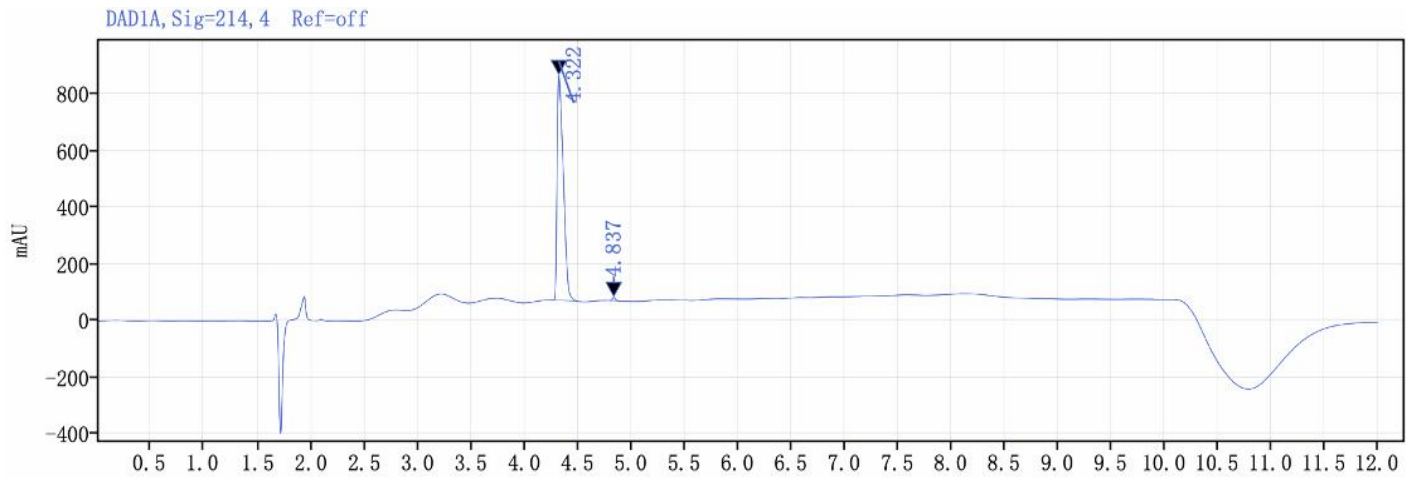
CERTIFICATE OF ANALYSIS (COA)

Product Name	SS-31 20 mg (Injectable Research Vial)
Chemical Name	SS-31 / Elamipretide (D-Arg-Dmt-Lys-Phe-NH ₂)
CAS Number	736992-21-5
Batch / Lot Number	SS31200505
Manufacturing Date	2026-05-05
Retest / Expiry Date	2028-05-05
Net Content	20 mg per vial
Storage Conditions	Store at 2–8°C, protected from light and moisture
Appearance	White to off-white lyophilized powder
Molecular Formula / MW	C ₃₂ H ₄₉ N ₉ O ₅ / 639.80 g/mol

Analytical Results

Test Item	Specification	Result	Method
Identification	Conforms	Conforms	LC-MS
Purity (HPLC)	≥98.0%	99.27%	HPLC
Peptide Content	95.0–105.0%	99.9%	HPLC
Appearance	White to off-white lyophilized powder	Conforms	Visual
Water Content	≤3.0%	0.7%	Karl Fischer
Heavy Metals	≤10 ppm	<10 ppm	ICP-MS
Endotoxin	<10 EU/mg	<10 EU/mg	LAL Test

HPLC Chromatogram



For laboratory research use only. Not for human consumption.

Tester Name	Dr. Michael Carter
Signature	
Test Date	2026-05-21