BIOVIRIDIAN

Excellence in HPLC-MS Analysis

CERTIFICATE OF ANALYSIS

Web Verification Code: **COA13186**

SAMPLE RECEIVED
August 11, 2026

COA ISSUED
August 28, 2026

SAMPLE INFORMATION

Vendor
MAROGEN BIO

Sample Name
IGF-1 LR3 1mg

Sample Type
White lyophilized powder

Lot Number
IGF1-0803

Molecular Weight
9117.6 g/mol

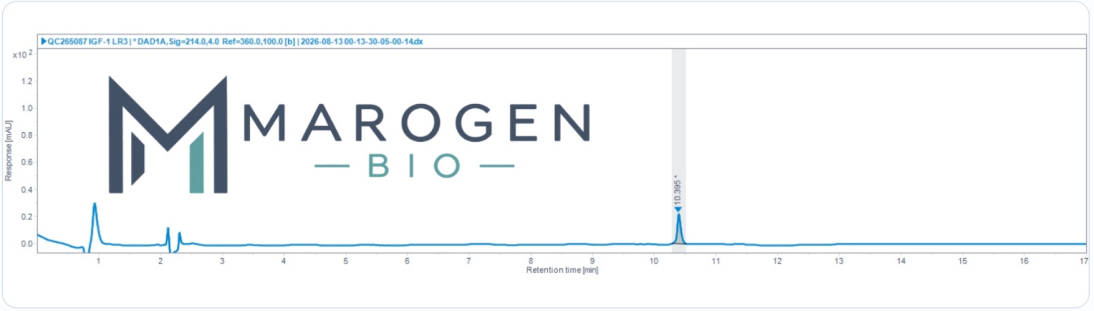
ANALYTICAL METHODS

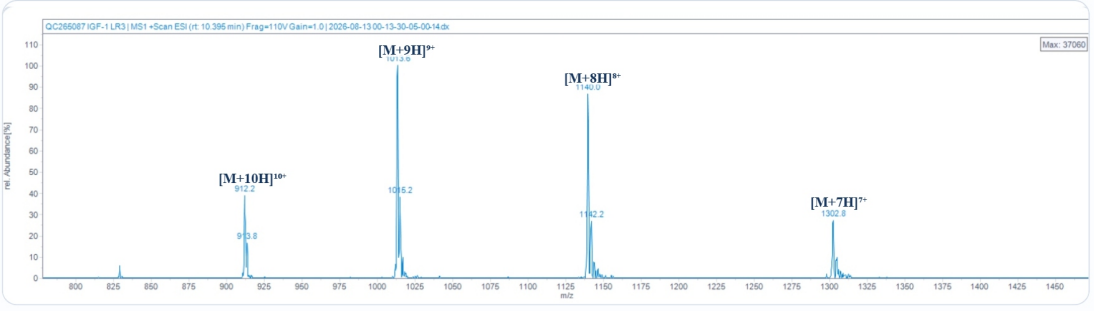
Identity: Confirmed via LC–MS/MS
Purity: RP-HPLC (214 nm)
Content: HPLC quantitation

TEST RESULTS

Specification	Result	Method	Status
Identity: IGF-1 LR3	IGF-1LR3	LC-MS/MS	✓ Conforms
Content	1.12 mg	HPLC Quantitation	✓ Conforms
Overall Purity	99.55%	RP-HPLC (214 nm)	✓ Conforms
Endotoxin	<0.05 EU/ml	<USP85>	✓ Conforms
Heavy Metals	<0.01 ppm	<USP232>	✓ Conforms
Sterility	Not Detected	<USP71>	✓ Conforms

HPLC Chromatogram · Retention Time 2.346 **min**





Certification: This Certificate of Analysis confirms that the tested material meets or exceeds Bioviridian's analytical quality specifications for peptide research use.

Verify authenticity at **bioviridians.com/coa-search.html** using the Web Verification Code above.

info@bioviridians.com

Shane Straight

Shane Straight, M.S.
Principal Chemist, Bioviridian Inc.