



CERTIFICATE NO.	LAB SAMPLE ID	ISSUE DATE	REPORT STATUS
COA2026-00157	20260800354	02 SEP 2026	FINAL

01 CLIENT & PRODUCT INFORMATION

Client organization	Bulk Peptide Supply	Client contact	support@bulkpeptidesupply.com
Product name	LIVAGEN	Client lot / batch	LIV2071219
Label claim	20 mg	Lab sample ID	20260800354
Sample matrix	Lyophilized Powder	Quantity received	1
Container / closure	Clear Vial w/White Cap	Condition on receipt	Intact
Date received	31 AUG 2026	Testing period	01 SEP 2026
Storage condition	Ambient	Route / intended use	RUO

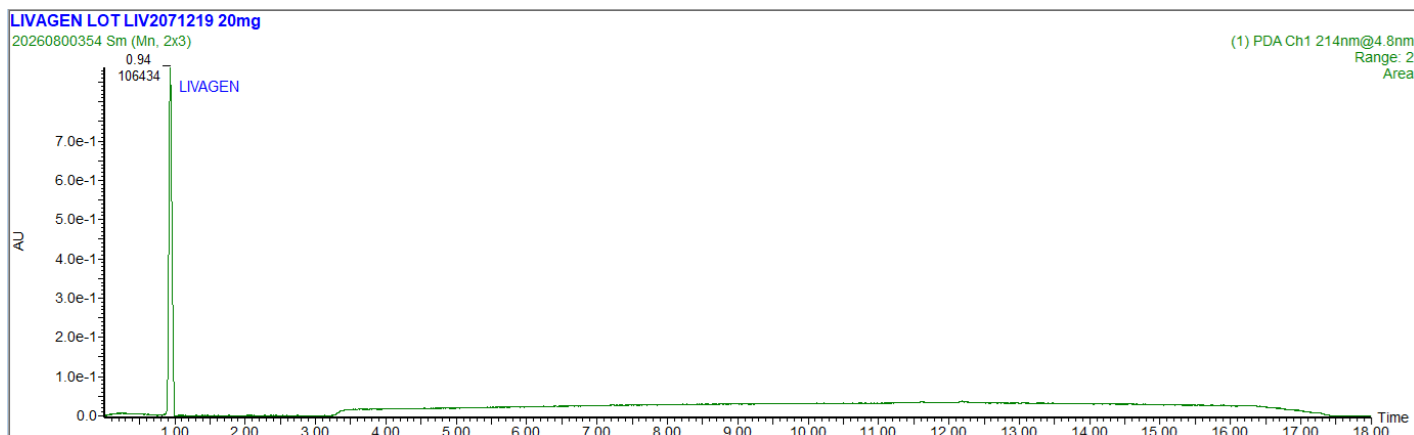
02 ANALYTICAL TEST RESULTS | Purity, identification and net content

Analysis	Method / SOP	Instrumentation	Result	Units	Acceptance criterion	Status
Purity	UPLC-UV	Acquity UPLC/PDA	99.79	% area	>99%	PASS
Identification	UPLC-MS	Waters Quattro Series	Conforms	—	Ionization profile match w/standard	PASS
Net content	Quantitative UPLC	Acquity UPLC/PDA	20.19	mg/vial	±10%	PASS

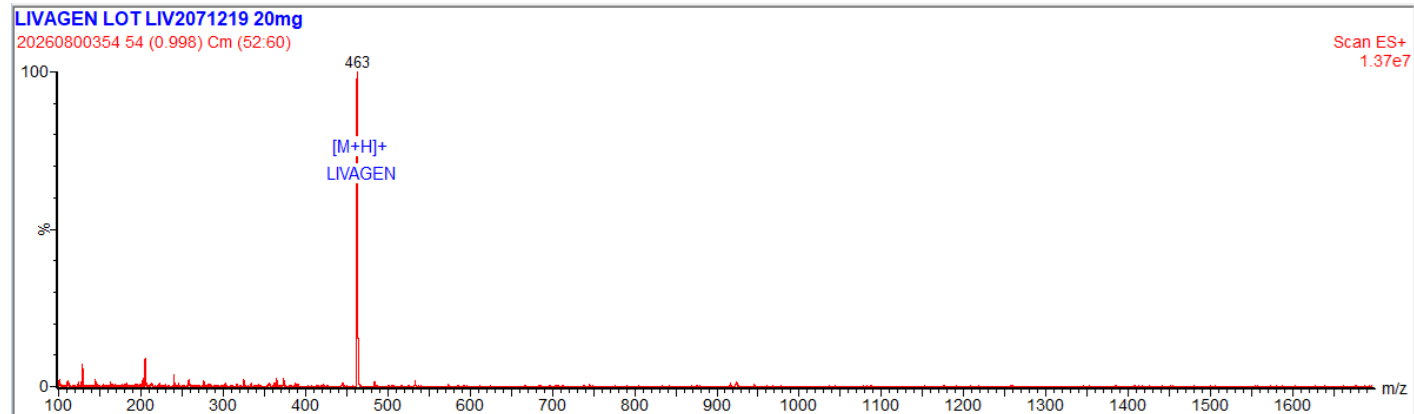
03 SUPPORTING ANALYTICAL EVIDENCE



PRODUCT AS RECEIVED



UV CHROMATOGRAM



MASS SPECTRUM / SPECTRA



04 HEAVY METALS SCREENING | ICP-MS | Elemental impurity results

Method	9 Metal Panel	Instrument / asset ID	Perkin Elmer SCIEX ELAN DRC II
Sample preparation	Digestion	Calibration model	Regression
Run / sequence ID	ACQC20260800354	Analysis date	01 SEP 2026

ELEMENTAL IMPURITY RESULTS

Analyte	Result (µg/L)	LOQ (µg/L)
Cadmium (Cd)	Non-detect	0.10
Lead (Pb)	Non-detect	0.20
Arsenic (As)	Non-detect	0.50
Mercury (Hg)	Non-detect	0.20
Cobalt (Co)	Non-detect	0.20
Vanadium (V)	Non-detect	0.20
Nickel (Ni)	Non-detect	0.50
Lithium (Li)	Non-detect	1.0
Antimony (Sb)	Non-detect	0.20



05 ENDOTOXIN ANALYSIS | Recombinant Factor C (rFC) fluorescence assay

Method	Recombinant Factor-c	Instrument / asset ID	Molecular Devices Gemini XPS
Assay / reagent	bioMerieux EndoZyme II	Standard	Kit-integrated
Sample preparation	Reconstitution in Endotoxin Free Water	Run / plate ID	0901P2-AVQC20260800354
Product limit	0.5 EU/mL (AV Analytics applies 2x USP limit for H ₂ O, no USP endotoxin limit applies to RUO products)	Maximum valid dilution	1:100

Parameter	Result	Acceptance criterion	Units	Status
Endotoxin	0.13	<0.5	EU/mL	PASS
Positive product control recovery	96	50-200	%	PASS
Negative control	Non-Detect	<0.005	EU/mL	PASS
Standard curve / assay validity	.98	Correlation factor >0.94	R ²	PASS

06 AUTHORIZATION | Review, decision rule and release

Analyst	Jason Snitker	Technical reviewer	Vanessa Montoya, PhD
Authorized signatory	Vanessa Montoya, PhD	Decision rule	Document complete, fields correct, analysis reviewed
Deviations / qualifiers	None	Amendment history	N/A

Report conditions: Results are analytical findings for the item tested and do not constitute an endorsement of product safety, efficacy or regulatory status. Unless otherwise stated, this certificate may be reproduced only in full with written approval from AV Analytics.