AEGIS PEPTIDE ANALYTICS

Certificate of Analysis

Independent Third-Party Testing Laboratory

CERTIFICATE NO.
APA-2026-000045

✓ OVERALL PASS

SAMPLE INFORMATION

COMPOUND:	Cerebrolysin 60mg	LOT NUMBER:	BBL-260608-03
CAS NUMBER:	12656-61-0	TEST DATE:	June 4, 2026
ISSUE DATE:	June 7, 2026	EXPIRY DATE:	June 7, 2028
CLIENT:	Blackwell BioSciences	TESTING METHODS:	HPLC-UV · Sterility · Endotoxin (LAL) · Particulate Matter USP <788> · Karl Fischer

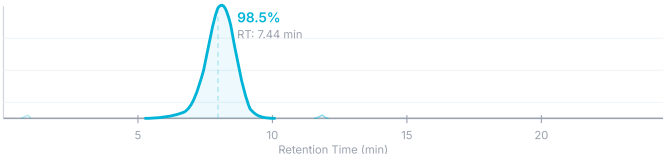
TEST RESULTS

01 Purity Analysis — HPLC-UV

USP <621> · Reverse-Phase C18 · UV 220 nm

PURITY RESULT	SPECIFICATION	RESULT
98.5%	≥98.0%	✓ PASS

CHROMATOGRAM (ILLUSTRATIVE — REVERSE PHASE C18, 220 NM)



DETECTION λ	RETENTION TIME	PEAK AREA	COLUMN
220 nm	7.44 min	—	C18 150×4.6mm 5µm

02 Bacterial Endotoxins — LAL

LAL (Limulus Amebocyte Lysate)

ENDOTOXIN RESULT	ACCEPTANCE LIMIT	LAL SENSITIVITY	RESULT
<0.25 EU/mL	1 EU/mL	0.125 EU/mL	✓ PASS

03 Sterility Testing

Membrane filtration

STERILITY RESULT	METHOD	RESULT
STERILE	Membrane filtration	✓ PASS

04 Particulate Matter — Light Obscuration

USP <788> Light Obscuration

PARTICLE SIZE	RESULT (PER 100 ML)	LIMIT (PER 100 ML)	STATUS
≥ 10 µm	3 particles/mL	6,000	✓ PASS
≥ 25 µm	0 particles/mL	600	✓ PASS

05 Water Content — Karl Fischer Titration

Karl Fischer Titration, USP <921>

WATER CONTENT	SPECIFICATION	RESULT
5.8%	≤ 8.0%	✓ PASS

Content vs. Limit (5.8% / 8.0%)

METHODOLOGY & QUALITY REFERENCES

All analytical procedures are performed in compliance with the current United States Pharmacopeia (USP), International Council for Harmonisation (ICH) guidelines, and applicable FDA Analytical Procedures guidance documents. Reference standards are NIST-traceable or USP-grade. Instruments are calibrated per manufacturer protocols and internal SOPs with documented calibration records. All results are issued as final and cannot be retroactively altered after certificate issuance.

USP <61>/<62> · USP <71> · USP <85> · USP <232>/<233> · USP <621> · USP <731> · USP <788> · ICH Q3C · ICH Q2(R2)

CHAIN OF CUSTODY

Sample Received	Analysis Start	Analysis Complete	Certificate Issued
–	June 4, 2026	June 4, 2026	June 7, 2026

Authorized Laboratory Signatory
Lab Director / Quality Manager

Date of Release
June 7, 2026

This certificate is issued by Aegis Peptide Analytics LLC. Results are specific to the sample tested and may not be representative of other lots or batches. This COA is for research purposes only and is not intended for use in diagnostic or therapeutic decisions.

Verify at:
aegispeptideanalytics.com/verify
APA-2026-000045