

Sample Received: 14 Jul 2026

Report Date: 17 Jul 2026

COA Issued: 17 Jul 2026

PRODUCT INFORMATION

CLIENT Blitzlab.eu	SAMPLE NAME TB-500 10 mg	SAMPLE TYPE White Lyophilized Powder	MOLECULAR WEIGHT 4963.44 g/mol
BATCH NUMBER BL-000579	CHAIN OF CUSTODY ID COC-6-00579	LABORATORY REPORT ID LR-6-00579	DATE OF ANALYSIS 16 Jul 2026

ANALYTICAL METHODS

Primary Method: HPLC-UV coupled with Mass Spectrometry (LC-MS) · Identity: Mass Spectrometric Molecular Weight Confirmation · Purity: Reverse-Phase HPLC (214 nm)

TEST RESULTS

SPECIFICATION	RESULT	METHOD	STATUS
Reference Standard	Batch Avg. Purity >99.0%	Certified Reference Material	✓ Confirmed
Identity Confirmation	TB-500	ESI-LC-MS	✓ Confirmed
Purity (HPLC)	99.126%	RP-HPLC (214 nm)	✓ PASS
Content Assay	10.48 mg/vial	HPLC Quantitation	✓ PASS
Endotoxin Safety Screen	<0.5 EU/mL	LAL Assay	✓ PASS
Heavy Metal Screen	Negative	ICP-MS	✓ PASS
Microbial Sterility Screen	No Growth Detected	USP <71>	✓ PASS

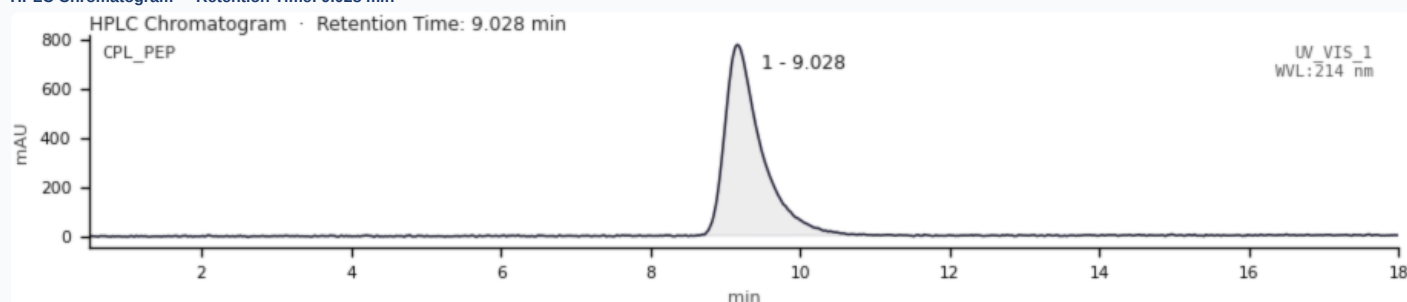


CONFIRMED

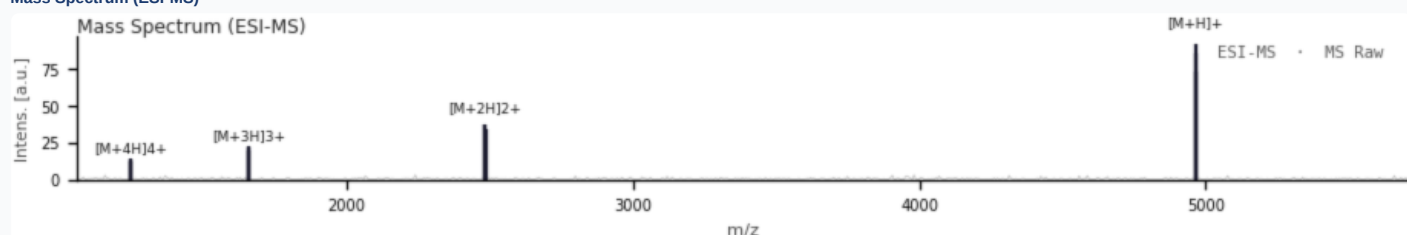
Sample meets all established analytical specifications for research use.

ANALYTICAL DATA

HPLC Chromatogram · Retention Time: 9.028 min



Mass Spectrum (ESI-MS)



CHROMATOGRAM SUMMARY

PK#	RT (MIN)	AREA	HEIGHT	AREA%
1	9.028	86,709	23,552	99.126
2	9.870	765	256	0.874
Total		87,474		100.000

Verified at: <https://clearpeaklabs.com/verify/CPL-2026-00579>

This COA is issued by ClearPeak Labs (clearpeaklabs.com) for research purposes only. Results apply to the submitted sample. Retain this document for quality records.

Contact: info@clearpeaklabs.com

Dr. Marcus Hartwig

Reviewed & released 17/07 - MH

Dr. A. Roth | Senior Analytical Chemist
ClearPeak Labs — QC Division



clearpeaklabs.com/verify/CPL-2026-00579