

Sample Received: 14 Jul 2026

Report Date: 17 Jul 2026

COA Issued: 17 Jul 2026

PRODUCT INFORMATION

CLIENT
Blitzlab.eu

BATCH NUMBER
BL-000614

SAMPLE NAME
PEG MGF 2 mg

CHAIN OF CUSTODY ID
COC-6-00614

SAMPLE TYPE
White Lyophilized Powder

LABORATORY REPORT ID
LR-6-00614

MOLECULAR WEIGHT
Multi-component blend

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	PEG	ESI-LC-MS	✓ Confirmed
Purity (HPLC)	99.378%	RP-HPLC (214 nm)	✓ PASS
Content Assay	2.04 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

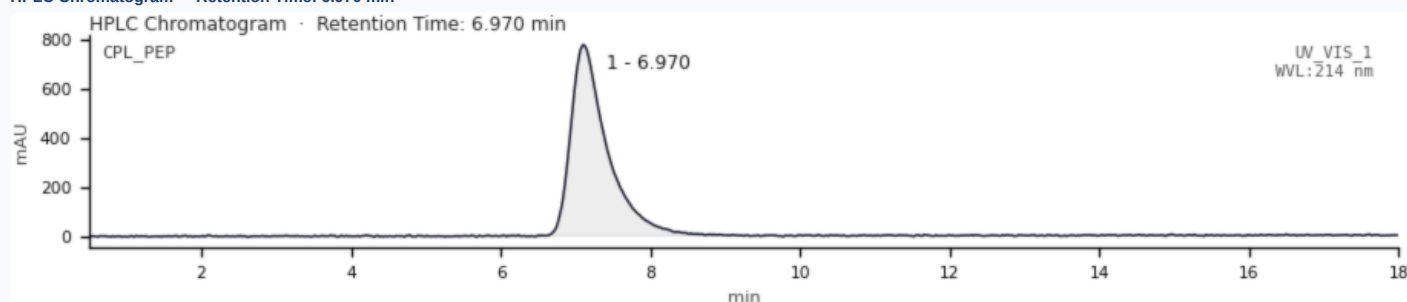


CONFIRMED

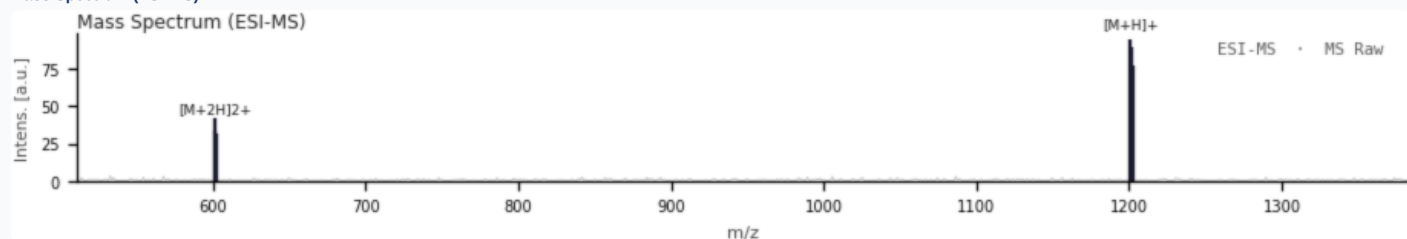
Sample meets all established analytical specifications for research use.

ANALYTICAL DATA

HPLC Chromatogram · Retention Time: 6.970 min



Mass Spectrum (ESI-MS)



CHROMATOGRAM SUMMARY

PK#	RT (MIN)	AREA	HEIGHT	AREA%
1	6.970	51,953	13,829	99.378
2	8.659	325	108	0.622
Total		52,278		100.000

Verified at: <https://clearpeaklabs.com/verify/CPL-2026-00614>

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. L. Brandt | Senior Analytical Chemist
ClearPeak Labs — QC Division



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