PEG MGF

Certificate of Analysis & Complete Test Results

✓ VERIFIED & CERTIFIED

TEST DATE

Feb 20, 2026

BATCH NUMBER

124075

PURITY LEVEL

99.28%

Certificate of Analysis

High-Performance Liquid Chromatography

Client:

Peptides Canada

Sample Name:

PEG-MGF

Batch #:

124075

Report Date:

02/21/2026

Test:

Purity

Receipt Date:

02/19/2026

Analysis Date:

02/20/2026

Matrix:

Powder

Number of samples:

1

Purity: 99.28%

Research-grade specification: ≥95.0% — this batch exceeds specification.

Date File	124075_MS2_posneg_PEGMGF_Lot124075_purity.d	**Sample Name**	PEGMGF_Lot124075_purity
Sample Type	Sample	**Position**	P5-42
Instrument Name	LCMS-7800 Series	**Username**	-
Acq Method	PEGMGF_purity_2mg.m	**Acquired**	02/20/2026 11:12:36 AM
IRM Calibration Status	Calibrated	**Time**	(UTC-07:00)
Comment	Sample test for purity of PEGMGF batch 124075	**DA Method**	SignalToNoiseCheckout.m
Sample Group	Test Batch 4	**Info.**	-
Stream Name	LC1	**Acquisition**	02/20/2026 11:12:36 AM
Acquisition SW Version	6400 Series Triple Quadrupole B.09.00 (89037.0)	**Time (Local)**	(UTC-07:00)

Peak List

Time	Area	% Area
5.94 min	5143.1	99.28 %
7.83 min	37.2	0.72 %

*** determined as PEG-MGF (Pegylated Mechano Growth Factor, IGF-1 Splice variant) based on retention time**

Note: Percent area between two compounds is not quantitative due to variable extinction coefficients.

Test Screen

UV Chromatogram:

Identity: PEG MGF

(Other names: Pegylated MGF, Pegylated Mechano Growth Factor, IGF-1 Splice variant)

CAS: 88896-72-2

Data

Mass Spectrum

MSMS ID — head to tail database matching

Mass Spectrum Pegylated Peptide Envelope encompasses the 3-6 positive change states conferring Peptide Mass

PEG MGF

Expected Mass: 4267.4

Observed Mass: 4267.43

Reviewed and approved by:

Herman Lelie

Pepslab.ca LLC. All test results are the responsibility of the client. This report relates only to the samples tested. The analyses were performed except as indicated. Samples are within quality control criteria and area specifications unless noted.