Peptide Test Canada
peptidetestcanada.ca
Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY
PTC-M3V27GY3

Lab ID: **TB-077**

REPORTED October 7, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify
EMAIL info@peptidetestcanada.ca
ORDER # PTC-684321

END CUSTOMER

NAME Elion Sciences

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	**TB-077**	Received:	**09/22/2026**
Compound:	**TB-500**	Analyzed:	**10/07/2026**
Report No.:	**COA-2026-SC-03299**	CAS:	**77591-33-4**
Lot Number:	**Batch# 2505855**	Formula:	**Ac-LKKTETQ (fragment)**
Total Mass:	**86.5 mg**	Mol Weight:	**889.0 g/mol**
Appearance:	**Lyophilized powder**		

SAMPLE PHOTOGRAPH



§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	TB-500	**TB-500**	**PASS**
Net Peptide Content:	10.00 mg	**11.82 mg**	
Peptide Fill Accuracy:	≥ 90 %	**118.2 %**	
Chromatographic Purity:	≥ 98 %	**99.7 %**	

Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). — means not determined.

§ 03 HPLC-MS/MS Detail

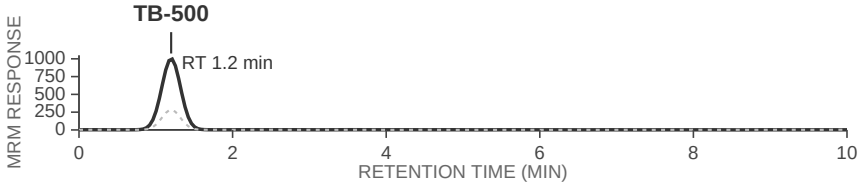
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+2H]2+

445.30 Da

Quantifier transition ● MRM

445.30 › 241.20 CE 12 V



ROLE	TRANSITION	CE
● Quantifier	445.3 › 241.2	12 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 µm · Solvent A: 0.1 % formic acid in H_2O · Solvent B: 0.1 % formic acid in Acetonitrile

Issued October 7, 2026

DISCLAIMER · RESEARCH USE ONLY

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