Peptide Test Canada
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Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY
PTC-L5EUNGYA

Lab ID: **AMQ-036**

REPORTED September 30, 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:	**AMQ-036**	Received:	**09/22/2026**
Compound:	**5-Amino-1MQ**	Analyzed:	**09/30/2026**
Report No.:	**COA-2026-SC-03455**	CAS:	**42464-96-0**
Lot Number:	**2506155**	Formula:	**$C_{10}H_{11}N_2.I$**
Total Mass:	**108.0 mg**	Mol Weight:	**286.1 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:	5-Amino-1MQ	**5-Amino-1MQ**	**PASS**
Net Peptide Content:	50.00 mg	**47.80 mg**	
Peptide Fill Accuracy:	≥ 90 %	**95.6 %**	
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

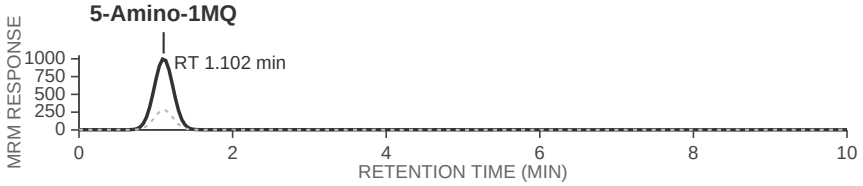
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+H]+

159.09 Da

Quantifier transition ● MRM

159.09 › 142.07 CE 28 V



ROLE	TRANSITION	CE
● Quantifier	159.1 › 142.1	28 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

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DISCLAIMER · RESEARCH USE ONLY

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