

Certificate of Analysis

Lab ID: **GSH-031**

REPORTED September 30, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify

EMAIL info@peptidetestcanada.ca

ORDER # PTC-684321

SCAN TO VERIFY



[PTC-N3Z99QHL](#)

END CUSTOMER

NAME Elion Sciences

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	GSH-031	Received:	09/22/2026
Compound:	Glutathione	Analyzed:	09/30/2026
Report No.:	COA-2026-SC-03456	CAS:	70-18-8
Lot Number:	6409312	Formula:	C₁₀H₁₇N₃O₆S
Total Mass:	801.9 mg	Mol Weight:	307.1 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:	Glutathione	Glutathione	
Net Peptide Content:	1500.00 mg	780.27 mg	
Peptide Fill Accuracy:	≥ 90 %	52.0 %	
Chromatographic Purity:	≥ 98 %	99.8 %	PASS

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

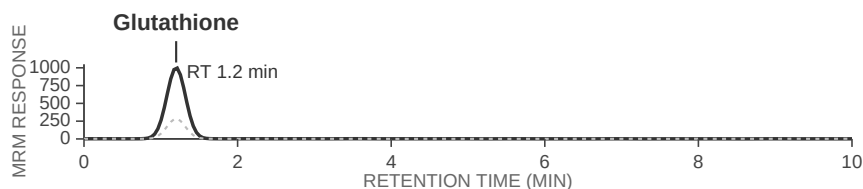
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+H]⁺

308.09 Da

Quantifier transition ● MRM

308.09 > 0.00 CE — V



ROLE	TRANSITION	CE
● Quantifier	308.1 > 0.0	— V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 μm · Solvent A: 0.1 % formic acid in H₂O · Solvent B: 0.1 % formic acid in Acetonitrile

DISCLAIMER · RESEARCH USE ONLY

Results relate **only to the sample as received** by Side-Chain Analytics Inc. and the tests performed, as and when received — not to any other unit, vial, lot, or batch, and not to any other product bearing the same name, label, or description. This report is not a verification of any lot or batch. **For research use only:** this report is not a certificate of quality, safety, efficacy, or regulatory compliance; the material tested is not authorized by Health Canada for human or veterinary use; and this report is not for human or veterinary administration, clinical or diagnostic use, or label claims. Side-Chain Analytics Inc. does not manufacture, source, or sell the material tested and makes **no warranty, express or implied**; its liability shall not exceed the testing fee. This report may not be reproduced except in full, and may not be reproduced, displayed, quoted, or referenced — in whole or in part, including by any badge, seal, or link — in connection with the advertising, offer for sale, sale, or distribution of any product. This certificate is valid only as currently shown at sidechainanalytics.com/verify and may be withdrawn.

Certificate of Analysis

Lab ID: **ENDO-GSH-031**

REPORTED September 29, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify

EMAIL info@peptidetestcanada.ca

ORDER # PTC-684321

SCAN TO VERIFY



[PTC-N2GQZDSZ](#)

END CUSTOMER

NAME Elion Sciences

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	ENDO-GSH-031	Received:	09/22/2026
Compound:	Glutathione	Analyzed:	09/29/2026
Report No.:	COA-2026-SC-03456-EN	CAS:	70-18-8
Lot Number:	6409312	Formula:	C₁₀H₁₇N₃O₆S
Total Mass:	—	Mol Weight:	307.1 g/mol
Aliquot mass:	12.2 mg		
Appearance:	Lyophilized powder		

SAMPLE PHOTOGRAPH



§ 02 Endotoxin Analysis

KINETIC CHROMOGENIC LAL/TAL ENDOTOXIN TEST (USP <85>)

BACTERIAL ENDOTOXIN · KINETIC CHROMOGENIC (QUANTITATIVE)



**below 0.102
EU/mL**

Measured endotoxin below 0.102 EU/mL is **within** the 1 EU/mL limit.

Test method	Kinetic Chromogenic LAL/TAL Endotoxin Test (USP <85>)
Measured endotoxin	below 0.102 EU/mL
Endotoxin limit	1 EU/mL

The endotoxin limit is established by the endotoxin test kit manufacturer.

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