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COA-2026-SC-02270
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CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

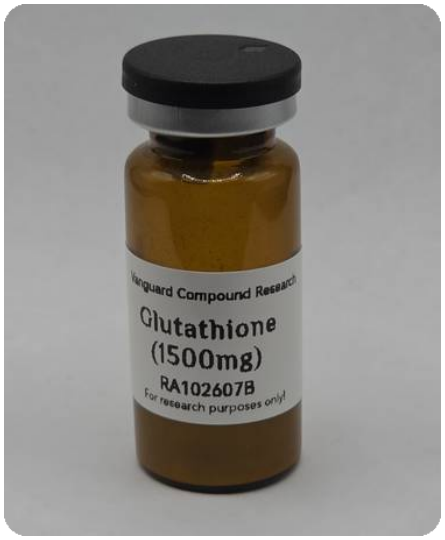
Glutathione

1500 mg

Client: **Vanguard Compound Research**
LAB ID GSH-013_D ISSUED SEPTEMBER 8, 2026

§ 01 Sample Information

Sample ID:	**GSH-013_D**
Compound:	**Glutathione**
Report No.:	**COA-2026-SC-02270**
Total Mass:	**1.410 g**
Appearance:	**Lyophilized powder**
Received:	**08/31/2026**
Analyzed:	**09/08/2026**
CAS:	**70-18-8**
Formula:	$C_{10}H_{17}N_3O_6S$
Mol Weight:	**307.1 g/mol**



SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)
Instrument · Agilent 1290 Infinity II with Agilent 6495 QQQ

IDENTITY
Glutathione
Principal component confirmed against reference standard

NET PEPTIDE CONTENT
1382.34 mg
Total peptide in the vial as received

PEPTIDE FILL ACCURACY
92.2 %
Measured net content ÷ declared label claim

CHROMATOGRAPHIC PURITY
99.9 %
Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM — (quantifier); retention time —: in agreement with reference standard.

Chromatographic purity bounds peptide-related impurities only — not excipients, counter-ions, or residual water — and is separate from net peptide content. Values are reported as measured; this document contains **no pass/fail determination** against any specification or label claim.

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