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## Certificate of Analysis

|                  |                |
|------------------|----------------|
| Accession Number | 2512030085     |
| Client           | Modern Aminos  |
| Search Code      | Mode2512030085 |

|                |            |
|----------------|------------|
| Received Date: | 12/03/2025 |
| Reported Date: | 12/5/2025  |

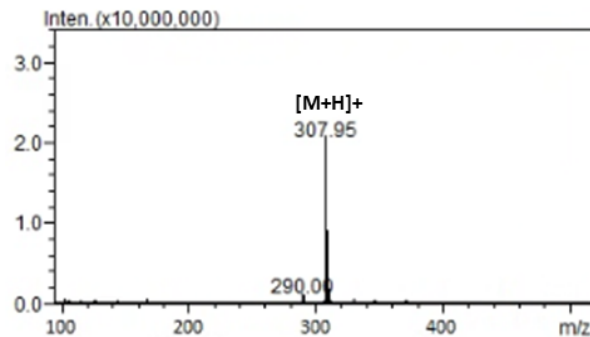
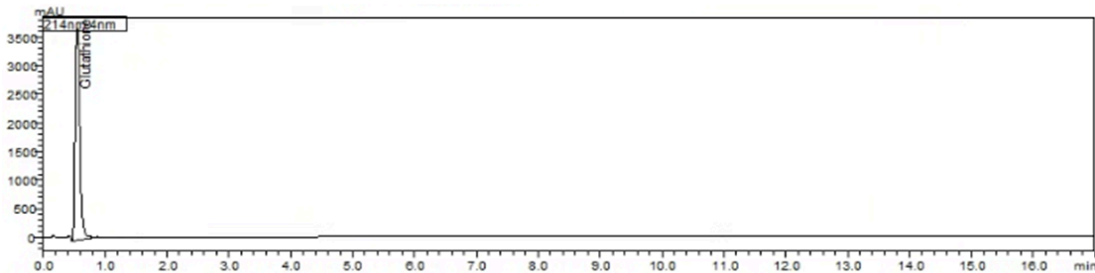
|                     |   |
|---------------------|---|
| Product             | Glutathione 600mg   |
| Net Peptide Content | Vial 1: 569.20 mg<br>Vial 2: 574.50 mg<br>Vial 3: 580.00 mg |
| Average Net Content | 574.56 mg   |

|            |   |
|------------|---|
| Lot        | BX-P-E9G6   |
| Purity     | Vial 1: 99.751%<br>Vial 2: 99.732%<br>Vial 3: 99.747% |
| Appearance | White Lyophilized Powder                              |

| Endotoxin Threshold |              | Result |
|---------------------|--------------|--------|
| Replicate 1         | ≤ 0.05 EU/mL | PASS   |
| Replicate 2         | ≤ 0.05 EU/mL | PASS   |

All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry

| Mass Identification | Result  |
|---------------------|---------|
| Glutathione         | 99.743% |



*Stephen Schmidt*

**COA: 2512030085**

Stephen Schmidt  
Principal Chemist

The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.

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Contact at: [Admin@FreedomDiagnostics.net](mailto:Admin@FreedomDiagnostics.net)



# Certificate of Analysis

## #30340 MODERN247RLL

### Modern Aminos

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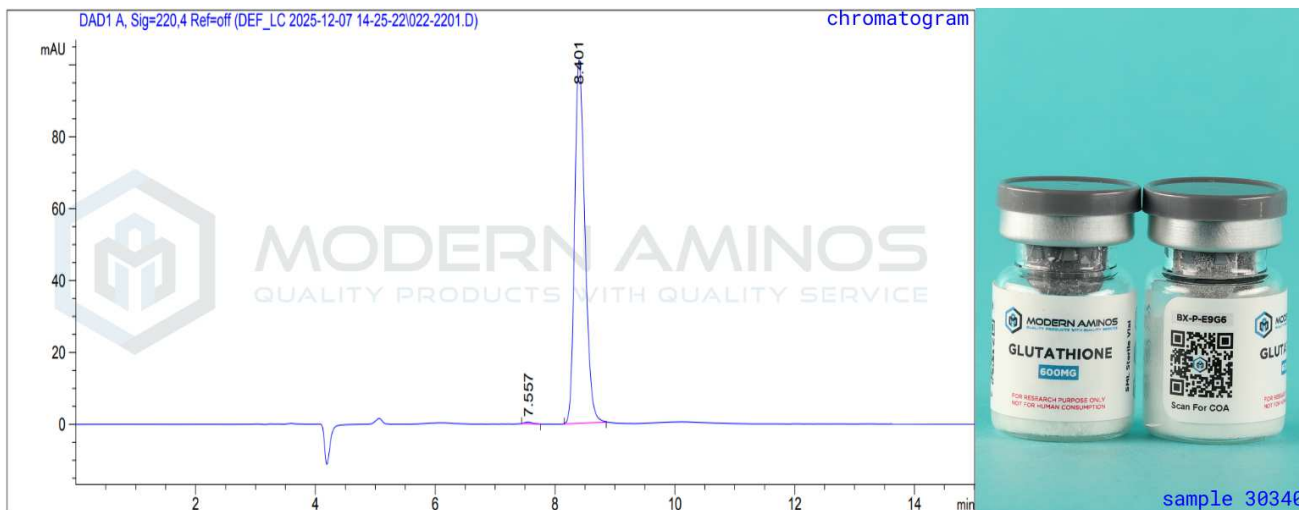
Sample received: 12/04/25

Analysis conducted: 12/11/25

|             |                          |          |                            |
|-------------|--------------------------|----------|----------------------------|
| Product:    | L-Glutathione 600mg      | CAS:     | 70-18-8                    |
| Batch:      | BX-P-E9G6                | Formula: | C10H17N3O6S                |
| Appearance: | Lyophilized peptide vial | Mol Wt:  | 307.32 g·mol <sup>-1</sup> |

Qualitative and quantitative chemical analysis by RP-HPLC with UV detection

|           | Specification | Results (3 samples) |         |         |          |
|-----------|---------------|---------------------|---------|---------|----------|
| Identity: | L-Glutathione | L-Glutathione       |         |         | Conforms |
| Quantity: | 600mg         | 635.7mg             | 618.8mg | 603.9mg | Conforms |
| Purity:   | > 98%         | 99.774%             | 99.682% | 99.659% | Conforms |



*Lucas Weber*

Lucas Weber  
Principal Chemist

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access code MODERN247RLL  
chromate.org/verify  
produced 12/19/25

