Certificate of Analysis

FREEDOM DIAGNOSTICS

FreedomDiagnosticsTesting.com

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Client:	Synthesis Peptides
Accession #:	2606300475
Search Code:	Synt2606300475
Received:	06/30/2026
Reported:	07/02/2026
Lot:	GL15KC

Sample Summary

Product:	Glutathione 1500mg	**Purity:**	Vial 1: 99.68% Vial 2: 99.70% Vial 3: 99.69% Vial 4: 99.75% Vial 5: 99.90%
Identity:	Confirmed	**Net Content:**	Vial 1: 1547.71 mg Vial 2: 1538.51 mg Vial 3: 1557.34 mg Vial 4: 1548.78 mg Vial 5: 1541.49 mg
Appearance:	White Lyophilized Powder		
Endotoxin Threshold:	Pass		
Microbial Analysis (PCR):	Pass		
Fentanyl Screen:	Negative		

Analytical Results

Test	Result
Identity (LC-MS)	Glutathione
Purity (HPLC-UV)	99.74%
Net Content Average	1546.77 mg

Method: Endotoxin testing performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under validated laboratory conditions.

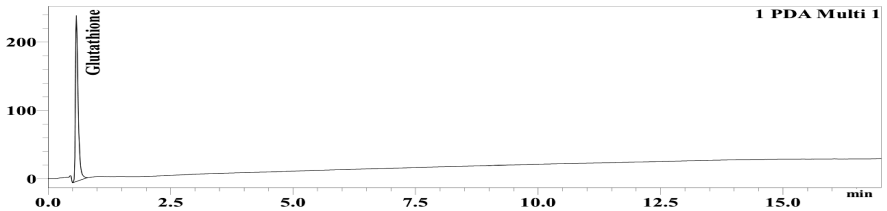
Endotoxin Replicate 1:	**Pass**	**Assay Sensitivity: ≤0.05 EU/mL**
Endotoxin Replicate 2:	**Pass**	**Assay Sensitivity: ≤0.05 EU/mL**

Method: Microbial detection performed using validated polymerase chain reaction (PCR)-based assay targeting common microbial contaminants.

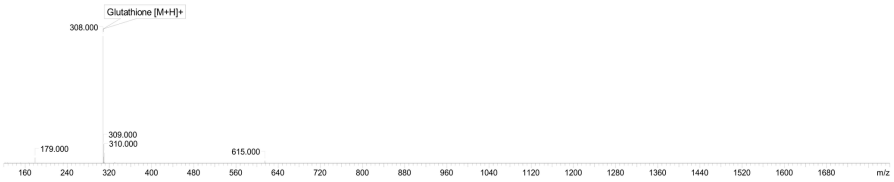
Microbial Analysis (PCR)	No Detectable Microbial DNA	Pass

Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation



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