



ORDERED BY



nu-peptides.com

PRODUCT

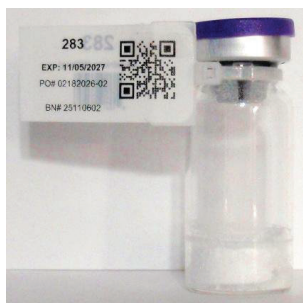
NAME **Glutathione 600mg**
SKU **YPB.283**
CATEGORY **Identity + Purity + Assay + Heavy Metals + Microbial**

SAMPLE

BATCH **25110602**
TESTED **2026-04-14**

PERFORMING LAB **Analytical Formulations, Inc.**

8940 Fourwinds Drive STE 107, Windcrest, TX 78239
<https://analyticalformulations.com>
Lab-certified result data: 2026-06-02



Submitted vial — YPB.283



DIGITALLY SIGNED BY
Purity Analytics LLC

ISSUED 2026-08-07 22:39:24 UTC
ISSUER Sectigo RSA Document Signing CA
ALGORITHM RSA-SHA512
FIELD PuritySignature
TYPE adbe.pkcs7.detached
CERT SERIAL 80EE9C34821454C706346FA64888B1B5
TIMESTAMP Sectigo RFC 3161 TSA

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ANALYTICAL RESULTS

COMPONENT	ANALYTE	SPECIFICATION	RESULT	P/F
L-Glutathione	Qualitative ID (Lambda Max)	TS λ_{max} is a match compared to its characteristic reference standard.	Matches	✓
	Percent Purity	NLT 98% $r_{xy} = \frac{\sum (x_i - \bar{x})(y_i - \bar{y})}{\sqrt{\sum (x_i - \bar{x})^2} \cdot \sqrt{\sum (y_i - \bar{y})^2}}$	99.4 %	✓
L-Glutathione	Quantitative Assay	NLT 95% label claim $\% = \frac{A_{\text{TS}}}{A_{\text{STD}}} \times \frac{C_{\text{STD}}}{C_{\text{TS}}} \times 100$	654.96 mg	✓
	Heavy Metals (Total Quantity)	NMT 150 ppb/vial (including Pb, Cd, Hg, Ni, Fe & Co)	<10 ppb	✓
	TAMC (Aerobic/Coliform)	NMT 1,000 CFU · Incubated 48 hrs @ 37°C	0 CFU	✓
	TYMC (Yeast & Molds)	NMT 100 CFU · Incubated 48 hrs @ 30°C	0 CFU	✓



Verify at https://verify.purityanalytics.com/coa/coa_7a14cde23e24d3a825663e007d6d0e6a

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METHODS & PERFORMING LABORATORY

METHODS

- Qualitative ID - Lambda Max
- Quantitative Assay - Beer-Lambert
- TAMC (Total Aerobic Microbial Counts)
- Percent Purity - Correlation Coefficient
- Heavy Metals - Total Quantity
- TYMC (Total Yeast and Mold Counts)

Microbial specifications follow the Substances for Pharmaceutical Use compendium. UV-Vis measurements performed on a Jenway 6715 UV/Vis Spectrophotometer.

PERFORMING LABORATORY

Analytical Formulations, Inc.

8940 Fourwinds Drive STE 107, Windcrest, TX 78239

<https://analyticalformulations.com>

A laboratory-authorized user certified on 2026-06-02 that the submitted result data and the Purity Analytics COA generated from that data accurately represent the laboratory's reported findings for the sample identified in this report.

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DISCLAIMER & SCOPE OF TESTING

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No warranty.

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