



USA Prime Labs
Substance Testing and COA
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CERTIFICATE OF ANALYSIS

Identity, purity and safety panel

Report No. UPL-2026-0171

Issued 2026-08-18

Page 1 of 1

SAMPLE

Compound **Glutathione**
Form **Lyophilized powder**
Label claim **1,500 mg / vial**
Lot / batch **GL-3186**
Sample ID **UPL-2026-0171**
Vials received **5**

CLIENT AND CHAIN OF CUSTODY

Client **USA Prime Peptides**
Client reference **UPP-1366**
Received **2026-08-14**
Testing period **2026-08-17 to 2026-09-20**
Storage **2-8 °C**
Panel **Full panel**

TEST	METHOD	RESULT	SPECIFICATION	STATUS
Identity Chemistry	LC-MS	Conforms Observed [M+H] ⁺ consistent with theoretical	Matches reference	PASS
Purity Chemistry	HPLC-UV	99.95%	Report value	PASS
Net content Chemistry	Gravimetric	1524 mg 101.6% of label claim	90 - 110 % of label claim	PASS
Water content Chemistry	Karl Fischer	3.5%	<= 10.0 %	PASS
Residual solvents Safety	GC-MS	Pass Acetonitrile 136 ppm; DMF not detected	Within ICH Q3C limits	PASS
Endotoxin Safety	LAL kinetic	0.41 EU/mg Spike recovery 108%	<= 1.0 EU/mg	PASS
Heavy metals Safety	ICP-MS	Pass As 0.094 · Cd 0.034 · Pb 0.073 · Hg 0.018 ug/g	As 1.5, Cd 0.2, Pb 0.5, Hg 0.3 ug/g	PASS
Bioburden Safety	USP <61>	TAMC <10 CFU/g TYMC <10 CFU/g	TAMC <= 100, TYMC <= 10 CFU/g	PASS
Sterility Safety	USP <71>	No growth	No growth	PASS

OVERALL: PASS All tests meet specification

99.95%

Jane Rivera

Analyst
Jane Rivera, Senior Analyst
Signed Aug 20, 2026

Dr. Mark Chen, MD

QA Reviewer
Mark Chen, QA Director
Approved Aug 20, 2026



Verify this certificate
Report UPL-2026-0171

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