



Title:

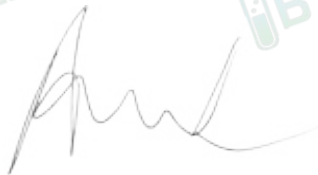
Certificate of Analysis (CoA)

Date: 4/24/2026
Date Tested: 4/25/2026
Customer: Vertex Labs
Testing material: Glutathione
Lot Number: GL0000000038
BT Sample ID: 005000039742042
Labeled Peptide
Content/Potency: 600 mg
Storage: R.T.
Visual Description: Large amber vial: white sample, white label, silver crimp, grey plastic cap.
Labeled as: Glutathione
Manufacturer: Vertex Labs
Testing Purpose: FTIR and HPLC analysis for the identification, purity, potency and composition of a peptide product. It does not provide information on particulate matter, microbial contamination or presence of endotoxins.



Test	Method	Specification	Result
General Appearance	USP <630>	white powder	white powder
Mass	USP <41>	As recorded	1124.9 mg
FTIR Identification and Composition Analysis	USP <197A>	Sample spectrum should confirm the content of peptide via characteristic bands	FTIR sample spectrum confirms the presence of Glutathione with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	99.7 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 600 mg	629.6 mg (104.9 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	629.6 : 495.3 mg (1:0.8)

The results of the CoA relate only to the item(s) tested and applied to the sample as received.



Andrea Castro, AS
Scientist-II
BTLabs



Verna Zheng, AS
Scientist-II
BTLabs

5730 Corporate Way | Suite 220 | West Palm Beach, FL 33407
Phone: (561) 625-0133

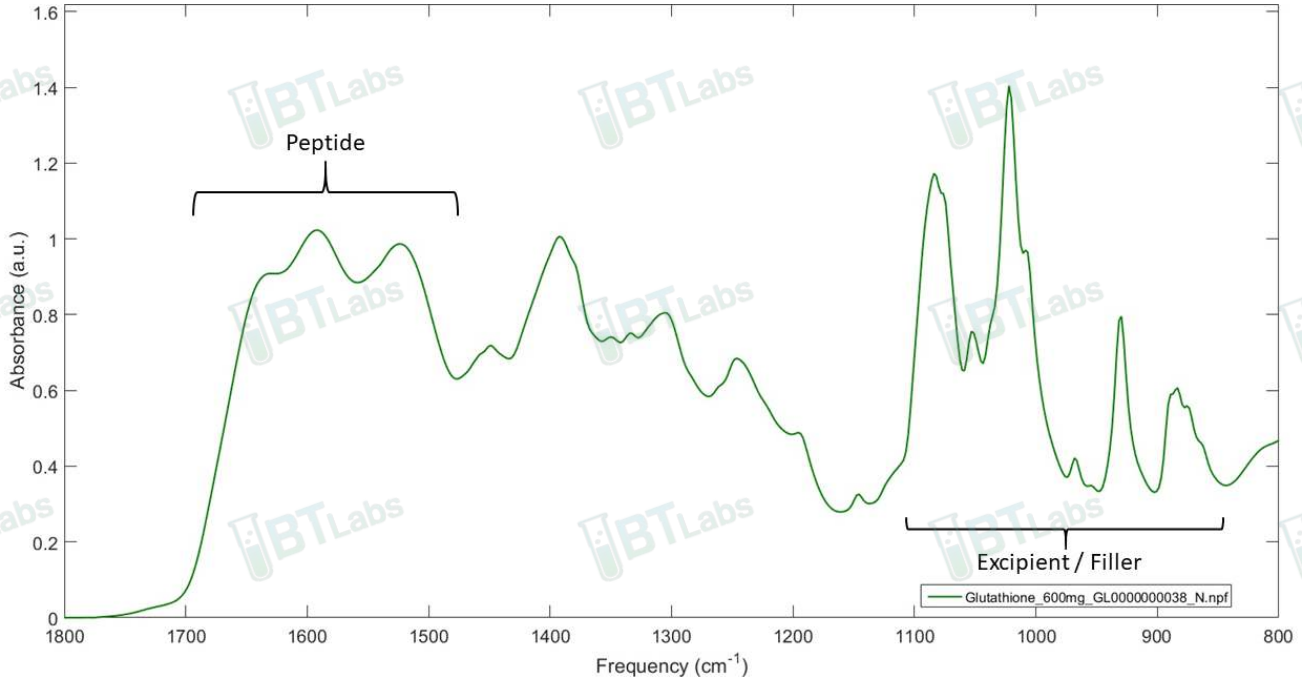
E-mail: info@btlabtesting.com | Website: <https://btlabtesting.com>



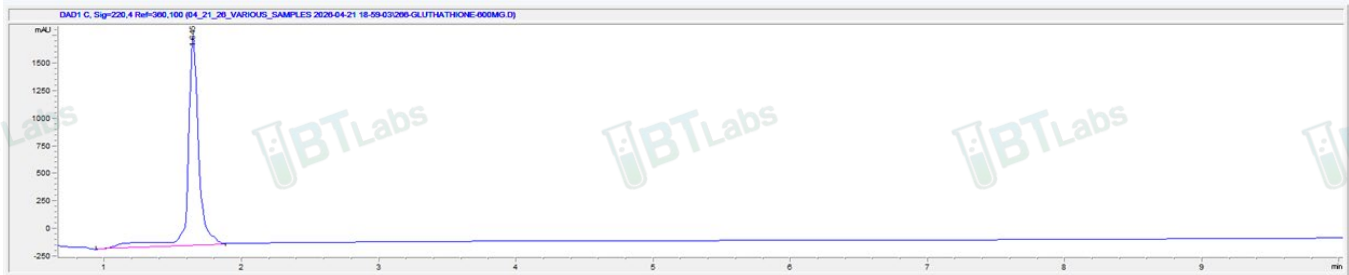
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Glutathione Lot GL0000000038



HPLC Purity and Potency Assay @ 220 nm: Glutathione Lot GL0000000038



Glutathione Lot GL0000000038 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.645	10609.1