



Title:

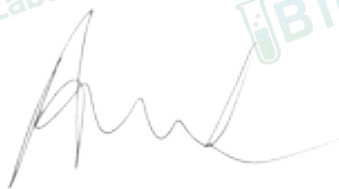
Certificate of Analysis (CoA)

Date: 5/20/2026
Date Tested: 5/18/2026
Customer: T1ER PEPTIDES RESEARCH LLC
Testing material: Glutathione
Lot Number: GT1500-01
BT Sample ID: 005000040100429
Labeled Peptide Content/Potency: 1500 mg
Storage: R.T.
Visual Description: large amber vial: white sample, black label, silver crimp, black plastic cap.
Labeled as: Glutathione
Manufacturer: N/A
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	1016.9 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 1500 mg	1010.3 mg (67.4 %)
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	1010.3 : 6.6 mg (1:0)

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



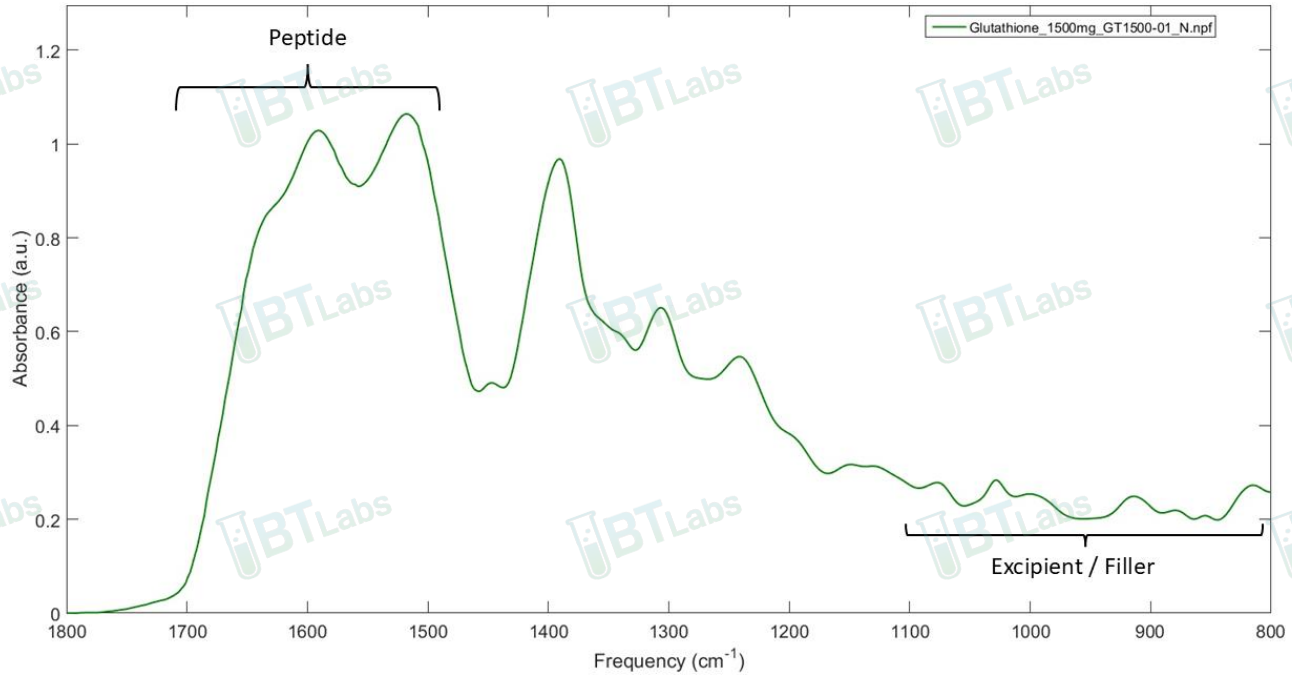
Verna Zheng, AS
Scientist-II
BTLabs



Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: Glutathione Lot GT1500-01



HPLC Purity and Potency Assay @ 220 nm: Glutathione Lot GT1500-01



Glutathione Lot GT1500-01 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.633	16769.4