



Report #:

COA261043-019

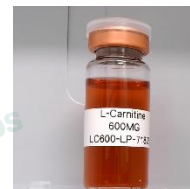
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Title:

Certificate of Analysis (CoA)



Date: 8/10/2026
Date Tested: 8/7/2026
Customer: Luxe Vital Premium Peptides
Testing material: L-Carnitine + B12
Lot Number: LC600-LP-71826
Content/Potency: 600 mg
Storage: R.T.
Visual Description: Large clear vial: red liquid sample, white label, copper crimp, clear blue plastic cap.
Labeled as: L-Carnitine
Manufacturer: Luxe Vital Premium Peptides
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.



BT Labs

Test	Method	Specification	Result
General Appearance	USP <630>	red liquid	red liquid
Mass	USP <41>	As recorded	600 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 L-Carnitine + B12 with addition of excipient(s)/fillers.
HPLC Purity of Peptide Assay	USP <621>	Specifications: $\geq 98\%$	98.2 %
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 600 mg	566.3 mg (94.4 %)

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

Andrea Castro, BS
Scientist-II
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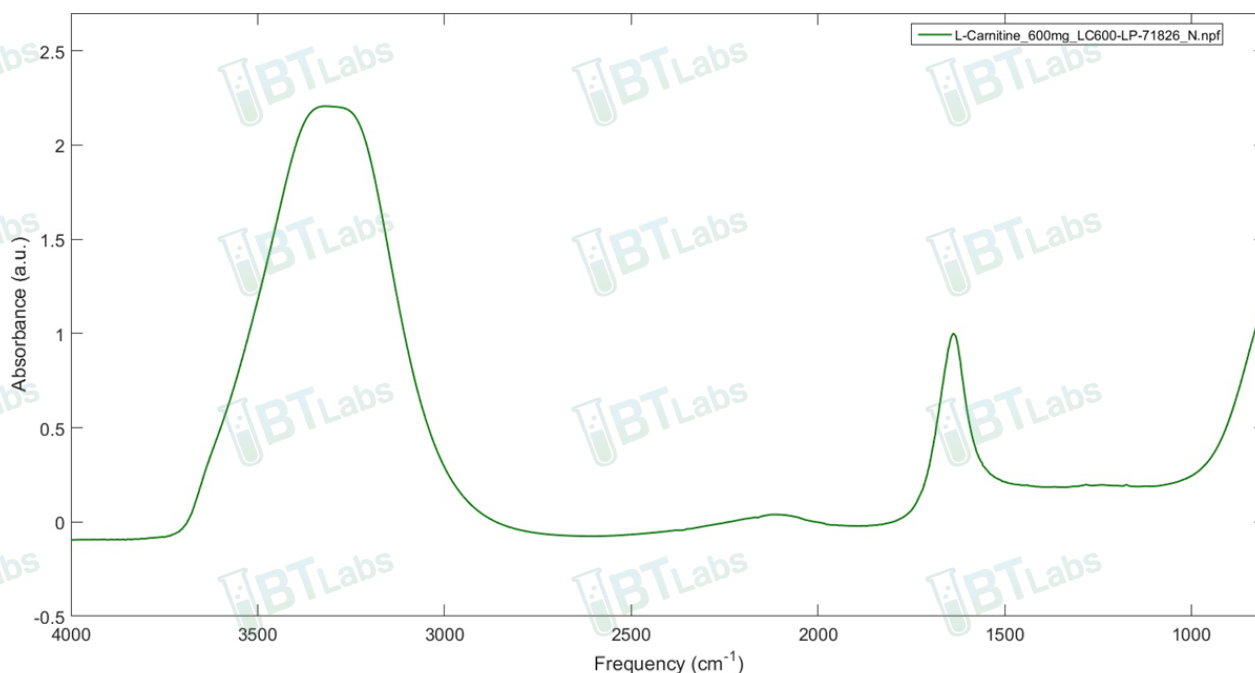
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Title:

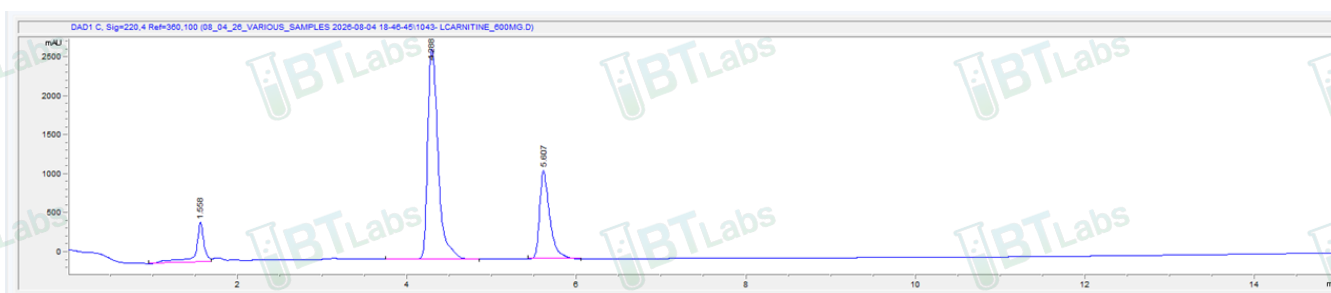
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FTIR ID and Composition Analysis: L-Carnitine Lot LC600-LP-71826



HPLC Purity and Potency Assay @ 220 nm: L-Carnitine Lot LC600-LP-71826



L-Carnitine Lot LC600-LP-71826 @ 220 nm

Peak #:	Retention Time (min)	Area (mAU*s)
1	1.558	3669.1