Title:

Certificate of Analysis (CoA)



Date: 8/6/2026
Date Tested: 8/5/2026
Customer: Maple Labs
Testing material: Failed
Lot Number: unspecified
Content/Potency: 216 mg
Storage: R.T.
Visual Description: Large clear vial: red sample, white label, silver crimp, clear plastic cap.
Labeled as: LIPOC B12
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>	red liquid	red liquid
Mass	USP <41>	As recorded	216 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: ≥ 98 %	N/A
HPLC Potency Assay	USP <621>	Specifications: 90 – 110% of 216 mg	N/A
Peptide-to-Excipients Ratio	USP <1151>	Recommended ratios of (1:2) to (1:10) for (peptide: excipients)	N/A

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

Andrea Castro, BS
Scientist-II
BTLabs

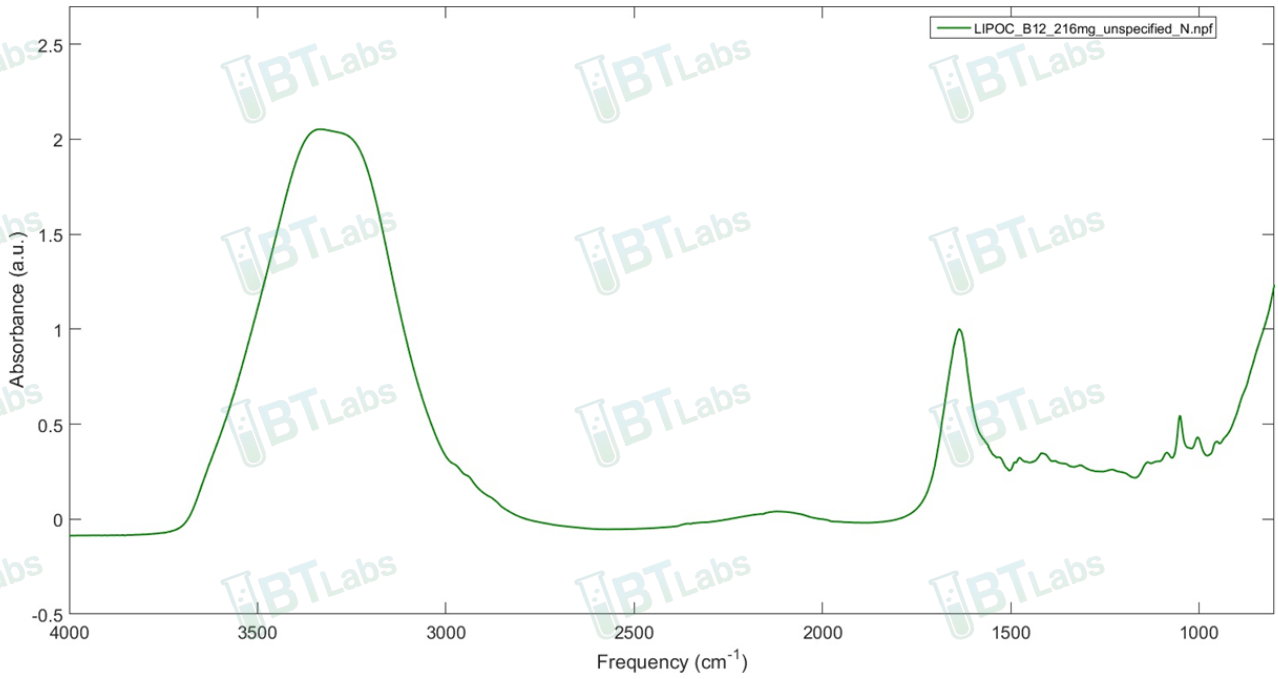
Escarlet Cabrieles, BS
Scientist-II
BTLabs

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com

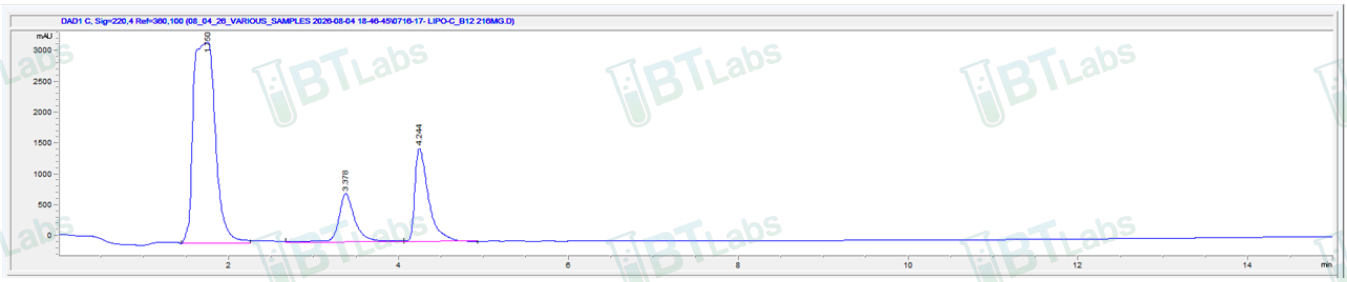
Title:

Certificate of Analysis (CoA)

FTIR ID and Composition Analysis: LIPOC B12 Lot unspecified



HPLC Purity and Potency Assay @ 220 nm: LIPOC B12 Lot unspecified



LIPOC B12 Lot unspecified @ 220 nm		
Peak #:	Retention Time (min)	Area (mAU*s)
1	N/A	N/A

5601 Corporate Way | Suite 206 | West Palm Beach, FL 33407
Phone: (561) 625-0133
E-mail: info@btlabtesting.com | Website: https://btlabtesting.com

jsanchez@btlabtesting.com <jsanchez@btlabtesting.com> Fri, Aug 21, 12:48 PM

to me, Lera

Hi team,

We calculated the sample content as 1.8 mg of methylcobalamin and 48 mg of L-carnitine. The other peak was identified as trace levels of cyanocobalamin.