

CERTIFICATE OF ANALYSIS

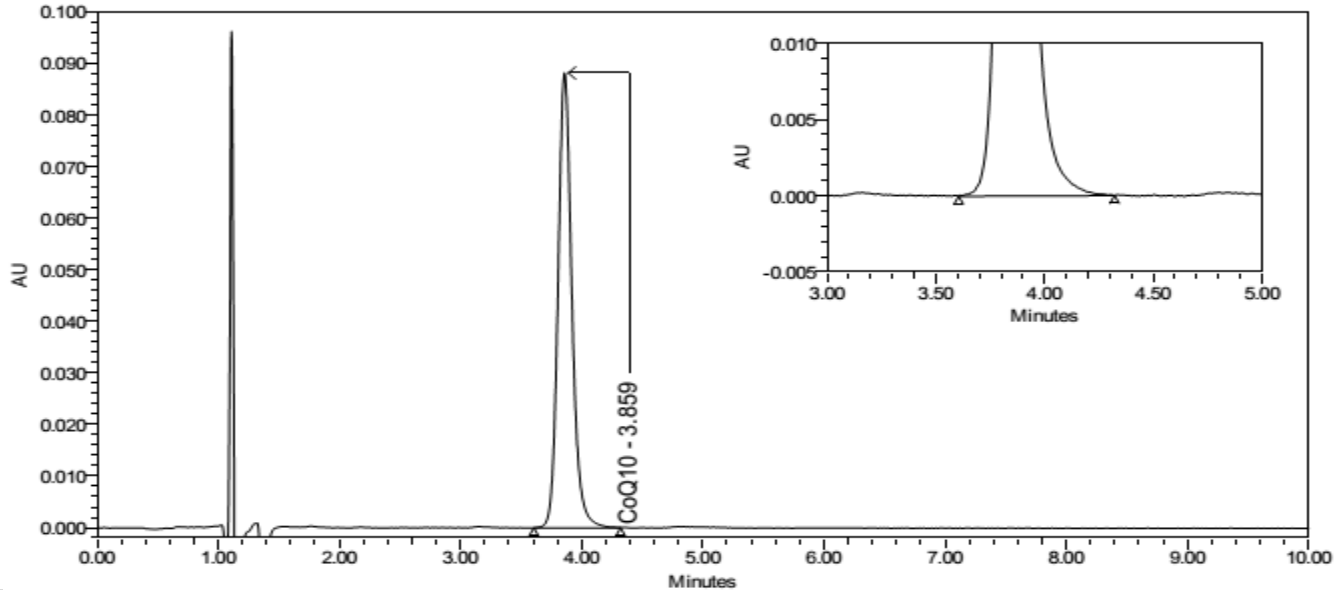


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Report Issued To: California Gold Nutrition

Sample Name: CoQ10 Veggie Softgel
Description: Finished product; Light Sensitive Plastic Bottle or Jar
Lot #: C1401374
AL #: JAY24814MLI1_1
Analysis ID: 48553
Received: 09/05/14

Determination of CoQ10 Content High Performance Liquid Chromatography with Diode Array Detection



Ret. Time (min)	Compound Name	Amount (%)	Amount (mg/softgel)	Specification	Result
3.9	CoQ10	36.1226	105	NLT 100 mg	Pass

Chromatographic Conditions:

Method: ATM-815-0205
Column: AP133 ODS Hypersil (125 x 4.0 mm)
Temperature: 25°C
Flow Rate: 1 mL/min
Injection Volume: 20 µL
UV Detection: 275 nm
Mobile Phase: Acetonitrile:Tetrahydrofuran:Water (55:40:5)
HPLC Instrument: Alliance_1

Sample Preparation:

Combined content of 20 softgels and mixed. Weighed 500 mg of sample into a 100 mL flask, added 50 mL mobile phase, and sonicated 30 min at RT. Let cool, filled to volume with mobile phase, and vortexed 10 seconds. Transferred 2.0 mL sample solution and 10.0 mL ferric chloride solution to 100 mL flask and filled to volume with mobile phase. Vortexed 10 seconds and filtered through 0.45 µm PTFE filter into HPLC vial.

Report Summary:

Conclusion: This "CoQ10 Veggie Softgel" sample contains 105 mg CoQ10 per softgel.
Fill Weight: 291 mg/softgel
OOS Reference: N/A
Notebook Reference: LC064 p. 109
Revision Number: Revision 3

Analysis Date : 09/16/14

Revision Date: 09/29/14

Analyzed By: J Lindberg

Authorized By: S. Sudberg, President & CSO

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