

Title: <b>Coenzyme Q10 50 mg, 75 Vegetarian Capsules</b>	
Allergy Research Group® / NutriCology®	
Document No.: 71220CA	Revision: 007

**Certificate of Analysis**

<b>Part Number</b>	71220		
<b>Lot Number</b>	90712		
<b>Product Count &amp; Form</b>	75 Vegetarian Capsules		
<b>Packaging, Closure</b>	75 cc bottle, desiccant, rayon		
<b>Storage Condition</b>	Room Temperature		
<b>Shelf Life</b>	30 months	Expiration Date	12/21
<b>Label Number, Size</b>	71220L, A		
<b>Retain Sample</b>	2 bottles per label (4 bottles total)		

**ANALYSIS**

**Physical**

Attribute	Method / SOP	Specification	Test Result
Product Color, Size	SOP 515	Yellow, speckled orange, "3"	Complies
Product Weight Variation	SOP 514	Meets USP <2091> 230 – 290 mg	Pass, 261 mg
Disintegration Time	SOP 522	Meets USP <2040>	Pass, 14:50 mins.

**Purity/Strength per Capsule**

Active Ingredients	Label Claim	Release Limits	Test Result
Coenzyme Q10	50 mg	100- 150% LC by HPLC	50mg
Vitamin C (as Ascorbic Acid)	50 mg	100- 150% LC by titration	100- 150% LC by titration*

\*Production and Process Control

**Identification \ Chemical \ Heavy Metals**

Attribute	Method / SOP	Specification	Test Result
Identity	Bulk Certificate of Analysis Review	Approved	Approved
Identity	Near Infrared Spectroscopy	Matches reference	Matches reference
Arsenic (inorganic)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	BQL
Cadmium	ICP-MS per USP <2232>	≤ 5 mcg/day Ψ	BQL
Mercury (total)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	BQL
Lead	ICP-MS per USP <2232>	≤ 10 mcg/day Ψ	BQL

\*Production and Process Control, Ψ – Permitted Daily Exposure, Φ Complies with California Proposition 65 Limits, BQL – Below Quantitative Level

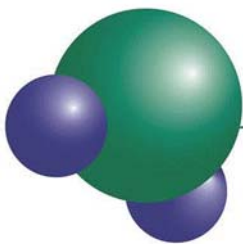
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Document No.: 71220CA	Revision: 007

**Microbiology**

Attribute	Method / SOP	Specification	Test Result
Total Aerobic Count	USP/ AOAC/ FDA BAM	$\leq 1 \times 10^3$ CFU/g	<10 CFU/g
Total Yeast & Mold	USP/ AOAC/ FDA BAM	$\leq 1 \times 10^2$ CFU/g	<10 CFU/g
Coliform	USP/ AOAC/ FDA BAM	$\leq 1 \times 10^2$ CFU/g	<10 CFU/g
Escherichi coli	USP/ AOAC/ FDA BAM	None Detected	None Detected
Staphylococcus aureus	USP/ AOAC/ FDA BAM	None Detected	None Detected
Salmonella	USP/ AOAC/ FDA BAM	None Detected	None Detected

\*Production and Process Control

Approval: 	Date: 07/03/19
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## Analytical Report

June 26, 2019

Tuyen Luong  
Allergy Research Group/NutriCology  
2300 North Loop Road  
Alameda, CA 94502

Page 1 of 1  
WO Number: W19F0799

Client: Allergy Research Group-QC  
Client #: A5537-T  
Sample Type: Capsule  
Collector: Client

Customer PO: LJ06212019  
Date Received: 6/24/2019  
Date Completed: 06/26/2019  
Discard Date: 07/10/2019

**CSL#: 19F1782**      **Coenzyme 500mg - Lot#: 41220/90712**

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.050 ug/g	0.050	ICP MS	06/25/19	CEN
Cadmium	<0.050 ug/g	0.050	ICP MS	06/25/19	CEN
Lead	<0.050 ug/g	0.050	ICP MS	06/25/19	RBP
Mercury	<0.050 ug/g	0.050	ICP MS	06/25/19	CEN

**CSL#: 19F1782**

Parameter	Result	Serving Size	Unit Weight	Specification
Arsenic	<0.05 ug/g	1 Capsule	0.27 g	<0.50 ug/g
Cadmium	<0.05 ug/g	1 Capsule	0.27 g	<0.50 ug/g
Lead	<0.05 ug/g	1 Capsule	0.27 g	<0.50 ug/g
Mercury	<0.05 ug/g	1 Capsule	0.27 g	<0.50 ug/g

Respectfully Submitted,  
Chemical Solutions, Ltd.

QA Representative

Notes:

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The units for the PQL are the same as those shown for the result.



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 E-mail: labdata@aemtek.com  
 Web: www.aemtek.com

**Project Description:** Product Testing (PO #LJ06212019)  
**Report Issued To:** Allergy Research Group  
 2300 North Loop  
 Alameda, CA 94501  
**Contact:** Janice Vu

### Certificate of Analysis

**AEMTEK #: 19061143**

**Sampling Date:** 2019-06-21  
**Sample Received:** 2019-06-24  
**Analysis Started:** 2019-06-24  
**Analysis Performed By:** MM, JC, WY  
**Report Issue Date:** 2019-06-27

Sample ID	Analyte	Aerobic Plate Count	Total Coliforms	Yeast	Mold	Escherichia coli	Salmonella	Staphylococcus aureus
1	Method	AOAC OMA 990.12	AOAC OMA 991.14	AOAC OMA 2014.05	AOAC OMA 2014.05	USP 37 <62> (mod.)	USP 37 <62> (mod.)	USP 37 <62> (mod.)
	Reporting Unit	CFU/g	CFU/g	CFU/g	CFU/g	per 10g	per 10g	per 10g
	Method Detection Limit for Reporting	10	10	10	10	P/A	P/A	P/A
	Sample Description	RESULTS						
	Coenzyme 500mg	<10	<10	<10	<10	ND	ND	ND
	Lot #/Code	41220/ 90712						

**Terminology:**

CFU = Colony Forming Units  
 < Indicates less than the reporting limit as noted  
 ND = Not Detected, negative, absent. Sensitivity is about 1 organism per test portion.  
 BAM = FDA Bacteriological Analytical Manual  
 AOAC OMA = Official Methods of Analysis of the AOAC International, 18th ed.

MPN = Most Probable Number  
 P/A = Presence/Absence  
 CP Staph = Coagulase Positive Staphylococci (Staphylococcus aureus)  
 CMMEF = Compendium of Methods for the Microbiological Examination of Foods, 4th ed.  
 AOAC RI = AOAC Research Institute Performance Tested.

N/A = Not Applicable or not analyzed

*Handwritten:* 19061143



# Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing  
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(818) 845-0070 • Fax: (818) 845-0030  
E-Mail: [Karine@MicroQualityLabs.com](mailto:Karine@MicroQualityLabs.com)



**Customer:** Allergy Research Group, LLC  
**Address:** 2300 North Loop Road  
Alameda, CA 94502

## ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: **COENZYME**  
Product Code: 41220  
Batch/Lot: 90712  
MQL Accession: 190625-0189

PO#: LJ06212019  
Sample Description: BULK  
Rush: 2-3 business days  
Received Date: 06/25/19

Test Requested:	Test Method:	Specification:	Results:
Coenzyme Q10	MQLTM-0162 By HPLC	NLT 50 mg /cap	50 mg / cap


Prepared By:

  
Kendra Hensley/Document Control Specialist

**JUN 28 2019**

06/28/19

Reviewed By:

  
Raffie Avakian/Quality Assurance Reviewer

**JUN 28 2019**

06/28/19

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The aforementioned results on this report are representative of the samples submitted and may not be indicative of the entire manufacture, batch, and/or lot. Applicable current GMP's shall always be used when sampling. GLP's shall always be practiced by Micro Quality Labs to ensure the most accurate results.

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