

Title: **Acetyl-Glutathione, 100 mg**

Allergy Research Group® / NutriCology®

Document No.: 76430CA

Revision: 006

**Certificate of Analysis**

<b>Part Number</b>	76430		
<b>Lot Number</b>	92072		
<b>Product Count &amp; Form</b>	60 Scored Tablets		
<b>Packaging, Closure</b>	75 cc bottle, desiccant, rayon		
<b>Storage Condition</b>	Room temperature		
<b>Shelf Life</b>	24 months	<b>Expiration Date</b>	07/2022
<b>Label Number, Size</b>	76430L, B		
<b>Retain Sample</b>	2 bottles per label (4 bottles total)		

**ANALYSIS**

**Physical**

Attribute	Method / SOP	Specification	Test Result
Product Color & Size	QC011	White, scored on one side, size T1	Complies
Product Weight	QC012	Meets USP <2091>: 350 – 450 mg	Passes, 398 mg
Disintegration time	QC018	Meets USP <2040>	Passes, 2 min.

\*Production and Process Control

**Purity / Strength per Tablet**

Ingredients	Label Claim	Specification	Test Result
S-Acetyl-Glutathione	100 mg	100 – 150% LC by HPLC	101 mg/tab
<b>Other Ingredients:</b> Microcrystalline cellulose, Micosolle®, Calcium Phosphate, sodium starch glycolate, vegetable magnesium stearate.			

\*Production and process Control

**Identification \ Chemical \ Heavy Metals**


Attribute	Method / SOP	Specification	Test Result
Identity	Bulk Certificate of Analysis Review	Approved	Complies
Identity	Near Infrared Spectroscopy	Matches reference	Complies
Arsenic (inorganic)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	0.018 mcg/day
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

Ψ- Permitted Daily Exposure, \*Production and process Control; BQL - Below Quantitation Limit

**Microbiology**

Attribute	Method / SOP	Specification	Test Result
Total Aerobic Count	USP/ AOAC/ FDA BAM	≤ 1 x 10 <sup>3</sup> CFU/g	<10 CFU/g
Total Yeast & Mold	USP/ AOAC/ FDA BAM	≤ 1 x 10 <sup>2</sup> CFU/g	<10 CFU/g
Coliform	USP/ AOAC/ FDA BAM	≤ 1 x 10 <sup>2</sup> CFU/g	<10 CFU/g
Escherichia 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: 	Casey Van Wagoner 2020.12.01 14:55:32 -07'00'	Date: 01DEC2020
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## Test Certificate

 Description: Acetyl Glutathione  
 Sample ID: 46430  
 Lot No: P9D20C72  
 Location:  
 Received: 8/18/2020  
 Completed: 8/25/2020

 Client: Allergy Research Group  
 2300 S Main St  
 Salt Lake City, UT 84115

Lab No: 201661-01

Analysis	Result	Per Unit	Specifications	Method
Mercury	<0.001	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Lead	<0.001	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Arsenic	0.177	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Cadmium	<0.001	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Total Aerobic Microbial Count	<10	CFU/g	<= 1,000 CFU/g	USP <2021>
Coliform	<10	CFU/g	<= 100 CFU/g	AOAC 991.14
E.Coli	Absent	per 10 grams	Absent	USP <2022>
Staphylococcus aureus	Absent	per 10 grams	Absent	USP <2022>
Salmonella	Absent	per 10 grams	Absent	USP <2022>
Total Yeast & Mold	<10	CFU/g	<= 100 CFU/g	USP <2021>
Yeast *	<10	CFU/g	<= 100 CFU/g	USP <2021>
Mold *	<10	CFU/g	<= 100 CFU/g	USP <2021>

\* For informational purposes only.

**THESE RESULTS APPLY ONLY TO THE SAMPLE SUBMITTED AND NOT TO THE PRODUCT FROM WHICH IT WAS TAKEN. THESE RESULTS ARE PROVIDED ONLY FOR THE BENEFIT OF CLIENT, WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, EXCEPT FOR THE EXPRESS LIMITED WARRANTY PROVIDED SOLELY TO CLIENT IN ADVANCED LABORATORIES' TERMS OF SERVICE.**

**THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL FROM ADVANCED LABORATORIES.**

 Results Approved By:   
 Kristina Noll - Quality Technician

Dated: 8/25/2020

Printed: 8/25/2020 5:40:04 PM





# Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing

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

## ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

**Sample Name:** ACETYL GLUTATHIONE  
**Product Code:** 46430  
**Batch/Lot:** P9D20C72  
**MQL Accession:** 200818-0180

**PO#:** 77941-17  
**Sample Description:** BULK  
**Rush:** N/A  
**Received Date:** 08/18/20

Test Requested:	Test Method:	Specification:	Results:
S-Acetyl-L-Glutathione	MQLTM-0183	NLT 100 mg/tablet	101 mg/tablet

**Prepared By:**

SEP 01 2020

Chrissy Swanson/Document Control/QA Reviewer

09/01/20

**Reviewed By:**

SEP 01 2020

Andrea Orozco/Quality Assurance Supervisor

09/01/20

*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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