

Title: <b>Melatonin 20 mg, 60 Capsules</b>	
Allergy Research Group* / NutriCology*	
Document No.: 71580CA	Revision: 012

### Certificate of Analysis

<b>Part Number</b>	71580		
<b>Lot Number</b>	0098		
<b>Product Count &amp; Form</b>	60 Vegetarian Capsules		
<b>Packaging, Closure</b>	75 cc bottle, desiccant, rayon/cotton		
<b>Storage Condition</b>	Room Temperature		
<b>Shelf Life</b>	36 months	Expiration Date	04/2023
<b>Label Number, Size</b>	71580L, B		
<b>Retain Sample</b>	2 bottles per label (4 bottles total)		

#### ANALYSIS

##### Physical

Attribute	Method / SOP	ARG Specification	Reported Test Result
Product Color, Size	SOP 515	White, clear size "2"	Complies
Product Weight Variation	SOP 514	Meets USP <2091>: 255-330 mg	Pass, 287 mg*
Disintegration Time	SOP 522	Meets USP <2040>	Passes*

\*Per manufacturer's certificate of analysis

##### Purity / Strength per Capsule

Ingredient	Label Claim	Specification	Test Result
Melatonin	20 mg	100 – 150% of LC by HPLC	20 mg/capsule
<b>Other Ingredients:</b> Hydroxypropyl methylcellulose, Microcrystalline cellulose, L-leucine			

\*Production and process Control

##### Identification \ Chemical \ Heavy Metals


Attribute	Method / SOP	Specification	Test Result
Identity	Batch Record	Approved	Complies
Identity	Near Infrared Spectroscopy	Matches Reference	Complies
Arsenic (inorganic)	ICP-MS per USP <2232>	≤ 15 µg/day Ψ	BQL
Cadmium	ICP-MS per USP <2232>	≤ 5 µg/day Ψ	BQL
Mercury (total)	ICP-MS per USP <2232>	≤ 15 µg/day Ψ	BQL
Lead	ICP-MS per USP <2232>	≤ 10 µg/day Ψ	0.007 µg/day

Ψ – Permitted Daily Exposure, \*Production and process Control; BQL: Below Quantitative Level.

##### 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: 	Digitally signed by Kimberly Vennebush Date: 2020.07.07 11:38:43 -06'00'	Date: 07JUL2020
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If you liked our service, please tell a friend. If you didn't, please tell us!

## Test Certificate

Description: Melatonin 20mg  
Sample ID: 41580  
Lot No: B0098  
Location:  
Received: 5/22/2020  
Completed: 6/1/2020Client: Allergy Research Group  
2300 S Main St  
Salt Lake City, UT 84115

Lab No: 196972-01

<b>Analysis</b>	<b>Result</b>	<b>Per Unit</b>	<b>Specifications</b>	<b>Method</b>
Total Aerobic Microbial Count	< 10	CFU/g	<1000	USP <2021>
Coliform	< 10	CFU/g	<100	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	USP <2021>
Yeast *	< 10	CFU/g	<100	USP <2021>
Mold *	< 10	CFU/g	<100	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:

6/1/2020

Printed: 6/1/2020 11:58:10 AM





# 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:** MELATONIN 20MG  
**Product Code:** 41580  
**Batch/Lot:** B0098  
**MQL Accession:** 200622-0139

**PO#:** 77733  
**Sample Description:** BULK  
**Rush:** 24HR  
**Received Date:** 06/22/20

Test Requested:	Test Method:	Specification:	Results:
Melatonin	MQLTM-0491 By HPLC	NLT 20 mg/cap	20 mg/cap

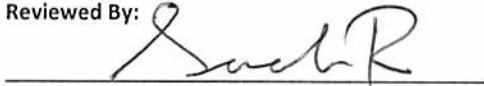
**Prepared By:**

  
Diana Zavala/Document Control Specialist

JUN 24 2020

06/24/20

**Reviewed By:**

  
Sade Rodriguez/QA Reviewer

JUN 24 2020

06/24/20

*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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