

Title: <b>Super Vitamin B Complex</b>	
Allergy Research Group® / NutriCology®	
Document No.: 70340CA	Revision: 009

## Certificate of Analysis

<b>Part Number</b>	70340		
<b>Lot Number</b>	0120178		
<b>Product Count &amp; Form</b>	120 Vegetarian Capsules		
<b>Packaging, Closure</b>	225 cc bottle, desiccant, rayon/cotton		
<b>Storage Condition</b>	Room Temperature		
<b>Shelf Life</b>	24 months	Expiration Date	05/2022
<b>Label Number, Size</b>	70340L, H		
<b>Retain Sample</b>	8 bottles total		

### ANALYSIS

#### Physical

Attribute	Method / SOP	Specification	Test Result
Product Color, Size	QC011	Light pink to beige, speckled, Size 0 Veg Cap	Complies
Product Weight	SOP 514	Meets USP <2091> 680 – 800 mg	Pass, 731 mg
Disintegration Time	SOP 522	Meets USP <2040>	Pass*

\*Production and process Control

#### Purity / Strength per Capsule

Ingredients	Label Claim	Specification	Test Result
Thiamin (as Thiamin Hydrochloride)	25 mg	100 - 150% of LC by HPLC	100 - 150% of LC by HPLC*
Riboflavin (as Riboflavin 5-Phosphate)	25 mg	100 - 150% of LC by HPLC	32 mg/capsule
Niacin (as Niacinamide)	75 mg	100 - 150% of LC by HPLC	75 mg/capsule
Vitamin B6 (97% as Pyridoxine Hydrochloride and 3% as Pyridoxal-5-Phosphate)	51.5 mg	100 - 150% of LC by HPLC	100 - 150% of LC by HPLC*
Folic Acid	200 µg	100 - 150% of LC by HPLC	100 - 150% of LC by HPLC*
Vitamin B12 (as Cyanocobalamin)	100 µg	100 - 150% of LC by HPLC	100 - 150% of LC by HPLC*
Biotin	100 µg	100 - 150% of LC by HPLC	100 mcg/capsule
Pantothenic Acid (as Calcium Pantothenate)	125 mg	100 - 150% of LC by HPLC	100 - 150% of LC by HPLC*
Choline Bitartrate	125 mg	100 - 150% of LC by HPLC	100 - 150% of LC by HPLC*

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Inositol	50 mg	100 - 150% of LC by HPLC	100 - 150% of LC by HPLC*
PABA (Para-Aminobenzoic Acid)	50 mg	100 - 150% of LC by HPLC	100 - 150% of LC by HPLC*
<b>Other Ingredients:</b> Hydroxypropyl Methylcellulose, Magnesium Stearate, Silicon Dioxide			

\*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	0.032 mcg/day
Cadmium	ICP-MS per USP <2232>	≤ 5 mcg/day Ψ	0.012 mcg/day
Mercury (total)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	0.009 mcg/day
Lead	ICP-MS per USP <2232>	≤ 10 mcg/day Ψ	0.076 mcg/day

\*Production and process Control, Ψ – Permitted Daily Exposure, 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: 2020.07.01 11:37:42 -06'00'	Date: 01JUL2020
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## Test Certificate

Description: Super Vit B Complete  
Sample ID: 80340  
Lot No: 0120178  
Location:  
Received: 6/10/2020  
Completed: 6/17/2020

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

Lab No: 198042-01

Analysis	Result	Per Unit	Specifications	Method
Mercury	0.003	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Lead	0.026	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Arsenic	0.011	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Cadmium	0.004	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.**

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Results Approved By:



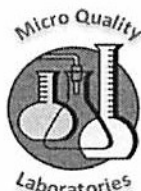
Kristina Noll - Quality Technician

Dated:

6/17/2020

Printed: 6/17/2020 11:21:18 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:** SUPER VIT B COMPLETE  
**Product Code:** 80340  
**Batch/Lot:** 0120178  
**MQL Accession:** 200610-0250

**PO#:** 77674  
**Sample Description:** FG  
**Rush:** N/A  
**Received Date:** 06/10/20

Test Requested:	Test Method:	Specification:	Results:
Riboflavin-5-Phosphate	MLTMM-1327 By HPLC	NLT 25 mg/cap	32 mg/cap *
Niacinamide	MLTMM-0153 By HPLC	NLT 75 mg/cap	75 mg/cap
Biotin	MLTMM-0155 By HPLC	NLT 100 mcg/cap	100 mcg/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

**Comment: (\*)** This result is not covered under our A2LA accreditation. The test has been carried out following general compendial methods (USP/NF, EP, JP and AOAC).

Micro Quality Laboratories, Inc. (MQL), is an A2LA ISO 17025 accredited testing laboratory (Certificate Number 3034.01). The requirements of ISO 17025 were followed for the test, results and preparation of this certificate of analysis. MQL's scope of accreditation may be found on A2LA or MQL websites.

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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