

Title: Pyridoxine P5P (Vitamin B-6), 60 Capsules	
Allergy Research Group® / NutriCology®	
Document No.: 70390CA	Revision: 008

Certificate of Analysis

Part Number	70390		
Lot Number	00117		
Product Count & Form	60 Vegetarian Capsules		
Packaging, Closure	100 cc bottle, desiccant, rayon/cotton		
Storage Condition	Room Temperature		
Shelf Life	36 months	Expiration Date	01/2023
Label Number, Size	70390L, C		
Retain Sample	2 bottles per label (4 bottles total)		

ANALYSIS

Physical

Attribute	Method / SOP	Specification	Test Result
Product Color, Size	SOP 515	Off White to Light yellow, size "1"	Complies
Product Weight	SOP 514	410- 530 mg	Passes, 471 mg
Disintegration time	SOP 522	Meets USP <2040>	Passes, 14:40 mins.

Purity/Strength per 1 capsule

Active Ingredients	Label Claim	Release Limits	Test Result
Vitamin B6 (as Pyridoxine HCl)	250.25 mg	100-150% LC by HPLC	256.48 mg
Vitamin B6 (as Pyridoxine-5'-Phosphate)	24.75 mg	100-150% LC by HPLC	26.74 mg
Other Ingredients: Hydroxypropyl methylcellulose, microcrystalline cellulose, L-leucine			

*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

Ψ – Permitted Daily Exposure, *Production and Process Control

Title: Pyridoxine P5P (Vitamin B-6), 60 Capsules	
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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
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: 	Date: 02/06/2020
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Fremont, CA 94539
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E-mail: labdata@aemtek.com
Web: www.aemtek.com

Project Description: Product Testing (PO # LJ01102020)
Report Issued To: Allergy Research Group
2300 North Loop Rd.
Alameda, CA 94502
Contact: Janice Vu

Certificate of Analysis

AEMTEK #: 2001542

Sampling Date: 2020-01-10
Sample Received: 2020-01-13
Analysis Started: 2020-01-13
Analysis Performed By: RKC, EL, FH
Report Issue Date: 2020-01-16

Analyte			Aerobic Plate Count	Total Coliforms	Yeast	Mold	Escherichia coli	Salmonella	Staphylococcus aureus
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 ID	Sample Description	Lot #/Code	RESULTS						
10	Pyridoxine P5P	40390/ 00117	<10	<10	<10	<10	ND	ND	ND

Terminology:

CFU = Colony Forming Units g = gram
< 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 N/A = Not Applicable or not analyzed
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.



Analytical Report

January 15, 2020

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

Page 1 of 1
WO Number: W20A0305

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

Customer PO: LJ01102020
Date Received: 1/13/2020
Date Completed: 01/15/2020
Discard Date: 01/29/2020

CSL#: 20A0784 Pyridoxine P5P - Lot#: 40390/ 00117

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.050 ug/g	0.050	ICP MS	01/15/20	CEC
Cadmium	<0.050 ug/g	0.050	ICP MS	01/15/20	CEC
Lead	<0.050 ug/g	0.050	ICP MS	01/13/20	KMS
Mercury	<0.050 ug/g	0.050	ICP MS	01/15/20	CEC

CSL#: 20A0784

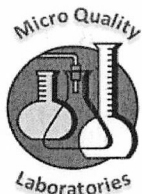
Parameter	Result	Serving Size	Unit Weight	Specification
Arsenic	<0.05 ug/g	1 Capsule	0.46 g	<0.50 ug/g
Cadmium	<0.05 ug/g	1 Capsule	0.46 g	<0.50 ug/g
Lead	<0.05 ug/g	1 Capsule	0.46 g	<0.50 ug/g
Mercury	<0.05 ug/g	1 Capsule	0.46 g	<0.50 ug/g

Respectfully Submitted,
SGS Chemical Solutions Laboratories, Inc.

QA Representative

Notes:

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



Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetics Testing
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E-Mail: Karine@MicroQualityLabs.com



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

ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: PYRIDOXINE P5P
Product Code: 40390
Batch/Lot: 00117
SQL Accession: 200114-0165

PO#: LJ01102020
Sample Description: BULK
Rush: N/A
Received Date: 01/14/20

Test Requested:	Test Method:	Specification:	Results:
Vitamin B6 (as Pyridoxine HCl)	MQLTM-0153 By HPLC	NLT 250.25 mg/capsule	256.48 mg/capsule
Vitamin B6 (Pyridoxine 5-Phosphate)	MQLTM-0153 By HPLC	NLT 24.75 mg/capsule	26.74 mg/capsule

Prepared By:

Diana Zavala/Document Control Specialist

FEB 06 2020

02/06/20

Reviewed By:

Ivette Davtyan/Document Control Specialist

FEB 06 2020

02/06/20

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