

Title: No-Flush Niacin, 75 Vegetarian Capsules	
Allergy Research Group* / NutriCology*	
Document No.: 70370CA	Revision: 009

Certificate of Analysis

Part Number	70370		
Lot Number	90117		
Product Count & Form	75 Vegetarian Capsules		
Packaging, Closure	175 cc bottle, desiccant, rayon/cotton		
Storage Condition	Room Temperature		
Shelf Life	24 months	Expiration Date	12/21
Label Number, Size	70370L, C		
Retain Sample	1 bottle per label (2 bottles total)		

ANALYSIS

Physical

Attribute	Method / SOP	Specification	Test Result
Product Color & Size	SOP 515	White, clear size "00"	Complies
Product Weight Variation	SOP 514	Meets USP <2091> 820 – 960 mg	Passes, 893 mg†
Disintegration Time	SOP 522	Meets USP <2040>	Passes, 15:30 mins†.

†Per CMO's CoA

Purity/Strength per Capsule

Active Ingredients	Label Claim	Release Limits	Test Result
Niacin (Inositol HexaNicotinate)	430 mg	100-150% LC by HPLC	501 mg
Other Ingredients			
Hydroxypropyl Methycellulose, 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

BQL – Below Quantitation Level, Ψ – Permitted Daily Exposure, φ - Complies with California Proposition 65 Limits, *Production and Process control

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Microbiology

Attribute	Method / SOP	Specification	Test Result
Total Aerobic Count	AOAC/ USP/ FDA BAM	$\leq 1 \times 10^3$ CFU/g	90 CFU/g
Total Yeast & Mold	AOAC/ USP/ FDA BAM	$\leq 1 \times 10^2$ CFU/g	<10 CFU/g
Coliform	AOAC/ USP/ FDA BAM	$\leq 1 \times 10^2$ CFU/g	<10 CFU/g
Escherichia coli	AOAC/ USP/ FDA BAM	None Detected	None Detected
Staphylococcus aureus	AOAC/ USP/ FDA BAM	None Detected	None Detected
Salmonella	AOAC/ USP/ FDA BAM	None Detected	None Detected

*Production and Process control

Approval: 	Date: 02/05/19
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Micro Quality Labs, Inc.

Specializing in Pharmaceutical, Dietary Supplements, Toys and Cosmetic Testing

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E-Mail: Karine@MicroQualityLabs.com

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

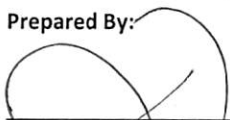
ANALYTICAL/CHEMICAL CERTIFICATE OF ANALYSIS

Sample Name: No Flush Niacin
Product Code: 40370
Batch/Lot #: 90117
MQL Accession #: 190109-0081

PO#: MH01042019
Sample Description: Bulk
Rush: 2-3 Days
Received Date: 01/09/19

Test Requested:	Test Method Number:	Client Specification:	Results:
Niacin (as Inositol Hexanicotinate)	MQLTM-0886 By HPLC	430 mg/cap	501 mg/cap

Prepared By:



Desiree Rodriguez/Document Control Supervisor

JAN 22 2019

01/22/19

Reviewed By:



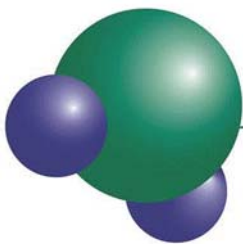
Diana Zavala/ Document Control Specialist

JAN 22 2019

01/22/19

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.

This report is submitted for the exclusive use of the person, partnership, or corporation to whom it is addressed, and neither the report nor the name of Micro Quality Labs, Inc. nor any member of its staff, may be used in connection with the advertising or sale of any product or process without written authorization from Micro Quality Labs, Inc. Failure to comply will result in immediate legal action by Micro Quality Labs, Inc.



Analytical Report

January 10, 2019

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

Page 1 of 1
WO Number: W19A0190

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

Customer PO: MH01042019
Date Received: 1/7/2019
Date Completed: 01/10/2019
Discard Date: 01/24/2019

CSL#: 19A0487 No Flush Niacin - Lot#: 40370 / 90117

Parameter	Result	PQL	Method	Date	Analyst
Arsenic	<0.050 ug/g	0.050	ICP MS	01/09/19	RBP
Cadmium	<0.050 ug/g	0.050	ICP MS	01/09/19	RBP
Lead	<0.050 ug/g	0.050	ICP MS	01/08/19	KMS
Mercury	<0.050 ug/g	0.050	ICP MS	01/09/19	RBP

CSL#: 19A0487

Parameter	Result	Serving Size	Unit Weight	Specification
Arsenic	<0.05 ug/g	1 Capsule	0.89 g	<0.50 ug/g
Cadmium	<0.05 ug/g	1 Capsule	0.89 g	<0.50 ug/g
Lead	<0.05 ug/g	1 Capsule	0.89 g	<0.50 ug/g
Mercury	<0.05 ug/g	1 Capsule	0.89 g	<0.50 ug/g

Respectfully Submitted,
Chemical Solutions, Ltd.

QA Representative

Notes:

CONFIDENTIAL REPORT. This report is confidential and is for the sole use of the addressee.
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The units for the PQL are the same as those shown for the result.



AEMTEK, INC.

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 Fremont, CA 94539
 Phone: 510-979-1979
 Fax: 510-668-1980
 E-mail: labdata@aemtek.com
 Web: www.aemtek.com

Project Description: Product Testing (PO # MH01032019)
Report Issued To: Allergy Research Group
 2300 North Loop
 Alameda, CA 94501
Contact: Janice Vu

Certificate of Analysis

AEMTEK #: 1901211

Sampling Date: 2019-01-03
Sample Received: 2019-01-07
Analysis Started: 2019-01-07
Analysis Performed By: MM, JC
Report Issue Date: 2019-01-10

Sample ID	Analyte	Aerobic Plate Count	Total Coliforms	Yeast	Mold	Escherichia coli	Salmonella	Staphylococcus aureus
6	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
RESULTS								
	Sample Description							
	No Flush Niacin	90	<10	<10	<10	ND	ND	ND
	Lot #/Code	40370/ 90117						

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 signature and date: 01/10/19