

Title: <b>Nattokinase NSK-SD 100 mg</b>	
Allergy Research Group® / NutriCology®	
Document No.: 75370CA	Revision: 008

### Certificate of Analysis

<b>Part Number</b>	75370		
<b>Lot Number</b>	200915		
<b>Product Count &amp; Form</b>	60 Softgels		
<b>Packaging, Closure</b>	100 cc bottle, desiccant		
<b>Storage Condition</b>	Room Temperature		
<b>Shelf Life</b>	24 months	<b>Expiration Date</b>	09/2022
<b>Label Number, Size</b>	75370L, C		
<b>Retain Sample</b>	4 bottles total		

#### ANALYSIS

##### Physical

Attribute	Method / SOP	Specification	Test Result
Product Color, Size	QC011	Pale yellow, size "1"	Complies
Product Weight Variation	QC012	Meets USP <2091> 450 – 550 mg	490 mg
Disintegration Time	QC018	Meets USP <2040>	Pass, 8min

\* Production and Process Control

##### BioActivity

Attribute	Label Claim	Specification	Test Result
Fibrinolytic Activity	≥ 2000 FU/softgel	100- 150% LC by Japan Bioscience method	2,774 FU / softgel

\* Production and Process Control

##### Purity/Strength per Softgel

Active Ingredients	Label Claim	Release Limits	Test Result
Nattokinase	100 mg	100- 150% LC by input	100- 150% LC by input*

**Other Ingredients:** Soybean Lecithin, Soybean oil, Bees wax, Glycerin fatty, acid ester, Gelatin Glycerin

\* Production and Process Control

##### Identification \ Chemical \ Heavy Metals


Attribute	Method / SOP	Specification	Test Result
Identity	Bulk Certificate of Analysis Review	Approved	Complies
Arsenic (inorganic)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	0.001 mcg/day
Cadmium	ICP-MS per USP <2232>	≤ 5 mcg/day Ψ	0.003 mcg/day
Mercury (total)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	BQL
Lead	ICP-MS per USP <2232>	≤ 10 mcg/day Ψ	0.015 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>4</sup> CFU/g	<10 CFU/g
Total Yeast & Mold	USP/ AOAC/ FDA BAM	≤ 1 x 10 <sup>3</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 2020.11.06 16:12:37 -07'00'	Date: 06NOV2020
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If you liked our service, please tell a friend. If you didn't, please tell us!

## Test Certificate

 Description: NATTOKINASE 100MG  
 Sample ID: 45370  
 Lot No: 200915  
 Location:  
 Received: 10/22/2020  
 Completed: 10/29/2020

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

Lab No: 205260-01

Analysis	Result	Per Unit	Specifications	Method
Mercury	<0.001	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Lead	0.015	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Arsenic	0.001	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Cadmium	0.003	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Total Aerobic Microbial Count	<10	CFU/g	<= 10,000 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	<= 1,000 CFU/g	USP <2021>
Yeast *	<10	CFU/g	<= 1,000 CFU/g	USP <2021>
Mold *	<10	CFU/g	<= 1,000 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: 10/29/2020

Printed: 10/29/2020 12:42:39 PM





Venture Laboratories

## CERTIFICATE OF ANALYSIS

**Allergy Research Group  
2300 North Loop Road  
Alameda, CA 94502**

**Report Date: November 2, 2020**

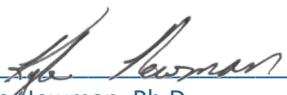
**Received Date: October 21, 2020**

**Sample ID: Nattokinase 45370 / 200915**

**Venture Labs Sample Number: 203938**

Analysis	Results	Units	ARG Estimated Level	Method
Fibrinolytic Activity	9,112	FU/g	≥ 2000 FU/Softgel	Japan Biosciences
	2,774	FU/Cap		
Capsule Weight	304.4	Milligrams	None	USP-NF

For questions please contact:

  
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Kyle Newman, Ph.D.  
Laboratory Director