

Title: GI Flora	
Allergy Research Group® / NutriCology®	
Document No.: 72461CA	Revision: 003

Certificate of Analysis

Part Number	72461		
Lot Number	04102041		
Product Count & Form	90 Vegetarian Capsules		
Packaging, Closure	120 cc glass bottle, desiccant, cotton/rayon		
Storage Condition	Refrigerated (2-8° C)		
Shelf Life	24 months	Expiration Date	07/2022
Label Number, Size	72461L, D		
Retain Sample	1 bottle		

ANALYSIS

Physical

Attribute	Method / SOP	Specification	Test Result
Product Color, Size	QC011	Speckled beige, size "1"	Complies
Product Weight	QC012	310-500 mg	Pass, 430 mg
Disintegration time	QC018	Meets USP <2040>	Pass, 18min sec†

† Tested by CMO

Milk Allergen

Attribute	Method / SOP	Specification	Test Result
Total Milk Content	Veratox	None Detected	None Detected*

*Production and Process Control

Purity/Strength

Active Ingredients	Label Claim	Release Limits	Test Result
Gastro Flora Blend containing the following bacteria:	3.0 x 10 ⁹ CFU/cap† (3.0 billion)	100-150% LC by Danisco Method	3.5 x 10 ⁹ CFU/cap
<i>Lactobacillus casei</i> (1.2 Billion CFU)			
<i>Lactobacillus rhamnosus</i> (1.2 Billion CFU)			
<i>Lactobacillus acidophilus</i> (0.3 Billion CFU)			
<i>Bifidobacterium longum</i> (0.3 Billion CFU)			

Other Ingredients: Hydroxypropyl methylcellulose, FOS, rice flour, stearic acid.

*Production and Process control, †viable cell count at the time of manufacture.

Identification \ Chemical \ Heavy Metals


Attribute	Method / SOP	Specification	Test Result
Identity	Bulk Certificate of Analysis Review	Approved	Complies
Identity	Near Infrared Spectroscopy	Matches Reference	Complies
Arsenic (inorganic)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	0.159 mcg/day
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	0.023 mcg/day

* Production and Process control, Ψ – Permitted Daily Exposure BQL- Below Quantitative Limit

Microbiology

Attribute	Method / SOP	Specification	Test Result
Total Aerobic Count	USP/ AOAC/ FDA BAM	≤ 1 x 10 ⁷ CFU/g	<10 CFU/g
Total Yeast & Mold	USP/ AOAC/ FDA BAM	≤ 1 x 10 ⁵ CFU/g	<10 CFU/g
Coliform	USP/ AOAC/ FDA BAM	≤ 1 x 10 ⁴ 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 2020.10.02 13:57:21 -06'00'	Date: 02OCT2020
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Test Certificate - Amended

Description: GI Flora
Sample ID: 82461
Lot No: 04102041
Location:
Received: 7/31/2020
Completed: 8/10/2020

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

Lab No: 200749-01A

Analysis	Result	Per Unit	Specifications	Method
Mercury	<0.001	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Lead	0.006	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Arsenic	0.041	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Cadmium	<0.001	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Coliform	<10	CFU/g	<= 10,000 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	<= 100,000 CFU/g	USP <2021>
Yeast *	<10	CFU/g	<= 100,000 CFU/g	USP <2021>
Mold *	<10	CFU/g	<= 100,000 CFU/g	USP <2021>

* For informational purposes only.

§Removed TPC per customer request.

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: 8/10/2020

Printed: 8/10/2020 1:33:41 PM

Lab No. 200749-01A
replaces 200749-01



Certificate of Analysis

Allergy Research Group

2300 S Main St
South Salt Lake Utah 84115

Sample Name:	GI Flora	Eurofins Sample:	9798243
Project ID	ALLER_RE_G-20200826-0049	Receipt Date	25-Aug-2020
PO Number	77944-24	Receipt Condition	Cold on Wet Ice or Ice Packs***
Sample Serving Size	1 Cap	Login Date	26-Aug-2020
Description	82461_04102041	Date Started	27-Aug-2020
		Sampled	Sample results apply as received

Analysis

Result

Total Probiotic Enumeration (Danisco)

Entity Weight

0.4300 g

Entity Fill Weight

0.3480 g

Total Probiotic Enumeration (Danisco)

Total Probiotic Enumeration

3.5e9 CFU/Serving

Method References

Testing Location

Total Probiotic Enumeration (Danisco) (DTPRO)

Enumeration with MRS + Cysteine

Food Integ. Innovation-Madison NE

2102 Wright Street Madison, WI 53704 USA

Total Probiotic Enumeration (Danisco) (PREP_NE)

Food Integ. Innovation-Madison NE

2102 Wright Street Madison, WI 53704 USA

Testing Location(s)

Released on Behalf of Eurofins by

Food Integ. Innovation-Madison NE

Eurofins Food Chemistry Testing US, Inc.
2102 Wright Street
Madison WI 53704
800-675-8375

Shannon Jacoby - Business Unit Manager

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*** Sample has deviated from the specified receipt conditions and results may be impacted by this deviation.