

Title: Potassium Citrate 120 Vegetarian Capsules	
Allergy Research Group® / NutriCology®	
Document No.: 70270CA	Revision: 011

Certificate of Analysis

Part Number	70270		
Lot Number	00302		
Product Count & Form	120 Vegetarian Capsules		
Packaging, Closure	120 cc bottle, desiccant, rayon/cotton		
Storage Condition	Room Temperature		
Shelf Life	36 months	Expiration Date	03/23
Label Number, Size	70270L, D		
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 "3"	Complies
Product Weight Variation	SOP 514	Meets USP <2091> 350 -460 mg	Pass, 410 mg
Disintegration Time	SOP 522	Meets USP <2040>	Pass, 17:45 mins.

Purity/Strength per Capsule

Active Ingredients	Label Claim	Release Limits	Test Result
Potassium (as Potassium Citrate)	99 mg	100 - 150% of LC by ICP-OES	110 mg

*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	Complies
Arsenic (inorganic)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	BQL Ψ
Cadmium	ICP-MS per USP <2232>	≤ 5 mcg/day Ψ	0.001 ppm
Mercury (total)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	BQL Ψ
Lead	ICP-MS per USP <2232>	≤ 10 mcg/day Ψ	0.007 ppm


Ψ – Permitted Daily Exposure, BQL - Below quantitation limit, Production and Process Control

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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: 	Digitally signed by Kimberly Vennebush Date: 2020.05.18 09:58:29 -06'00'	Date: 18MAY2020
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If you liked our service, please tell a friend. If you didn't, please tell us!

Test Certificate

Description: Potassium Citrate
Sample ID: 40270/ 00302
Lot No:
Location:
Received: 3/24/2020
Completed: 3/31/2020

Client: Allergy Research Group
2300 N Loop Rd.
Alameda, CA 94502

Lab No: 191905-01

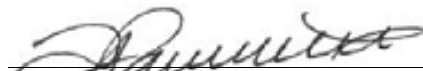
Analysis	Result	Per Unit	Specifications	Method
Total Aerobic Microbial Count	<10	CFU/g	<= 10,000 CFU/g	USP <2021>
Coliform	<10	CFU/g	<= 1,000 CFU/g	AOAC 991.14
E.Coli	Absent	per 10 grams	Absent	USP <2022>
Staphylococcus aureus	Absent	per 10 grams	Absent	USP <2022>
Salmonella	Absent	per 10 grams	Absent	USP <2022>
Total Yeast & Mold	<10	CFU/g	<= 1,000 CFU/g	USP <2021>
Yeast *	<10	CFU/g	<= 1,000 CFU/g	
Mold *	<10	CFU/g	<= 1,000 CFU/g	

* 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:


Alisa Farnsworth-Quality Technician

Dated:

3/31/2020

Printed: 3/31/2020 11:17:40 AM





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Test Certificate

Description: Potassium Citrate
 Sample ID: 40270/ 00302
 Lot No:
 Location:
 Received: 3/24/2020
 Completed: 3/31/2020

Client: Allergy Research Group
 2300 N Loop Rd.
 Alameda, CA 94502

Lab No: 191907-01

Analysis	Result	Per Unit	Specifications	Method
Mercury	< 0.001	mcg/g	<= 0.5 mcg/g	ICP-MS USP <730>
Lead	0.007	mcg/g	<= 0.5 mcg/g	ICP-MS USP <730>
Arsenic	< 0.001	mcg/g	<= 0.5 mcg/g	ICP-MS USP <730>
Cadmium	0.001	mcg/g	<= 0.5 mcg/g	ICP-MS USP <730>
Potassium	110	mg/cap	>= 99 mg/cap	ICP-OES USP <730>

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Results Approved By: 
 Alisa Farnsworth-Quality Technician

Dated: 3/31/2020

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