

Title: **Pancreas Lamb Natural Glandular, 90 Capsules**

Allergy Research Group* / NutriCology*

Document No.: 71630CA

Revision: 012

Certificate of Analysis

Part Number	71630		
Lot Number	00406		
Product Count & Form	90 Vegetarian Capsules		
Packaging, Closure	225 cc bottle, desiccant, rayon/cotton		
Storage Condition	Room Temperature		
Shelf Life	36 months	Expiration Date	03/23
Label Number, Size	71630L, D		
Retain Sample	1 bottle per label (2 bottles total)		

ANALYSIS

Physical

Attribute	Method / SOP	Specification	Test Result
Product Color, Size	QC011	Brown/Tan, YR/Lgr, Clear Size "00"	Complies
Product Weight Variation	QC012	Meets USP <2091>: 585 – 750 mg	Passes, 660 mg
Disintegration Time	SOP 522	Meets USP <2040>	Passes, 26:10 mins.

Purity / Strength per Capsule

Active Ingredients	Label Claim	Release Limits	Test Result
Pancreas Tissue (Ovine, Lypohilized)	425 mg	100-150% LC by input	100-150% LC by input*
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	Complies
Identity	Total Protein by Nitrogen Analyzer	30 – 70%	55.60%
Arsenic (inorganic)	ICP-MS per USP <2232>	≤ 15 mcg/day	0.066 ppm
Cadmium	ICP-MS per USP <2232>	≤ 5 mcg/day	0.015 ppm
Mercury (total)	ICP-MS per USP <2232>	≤ 15 mcg/day	BQL
Lead	ICP-MS per USP <2232>	≤ 10 mcg/day	0.033 ppm

*Production and Process Control

Microbiology

Attribute	Method / SOP	Specification	Test Result
Total Aerobic Count	USP/ AOAC/ FDA BAM	≤ 1 x 10 ⁵ CFU/g	< 10 CFU/g
Total Yeast & Mold	USP/ AOAC/ FDA BAM	≤ 1 x 10 ⁴ CFU/g	< 10 CFU/g
Coliform	USP/ AOAC/ FDA BAM	≤ 1 x 10 ³ 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

Approval: 	Digitally signed by Kimberly Vennebush Date: 2020.08.10 10:48:13 -06'00'	Date: 10AUG2020
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If you liked our service, please tell a friend. If you didn't, please tell us!

Test Certificate

Description: Pancreas Lamb
Sample ID: 41630/ 00406
Lot No:
Location:
Received: 3/24/2020
Completed: 3/31/2020

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

Lab No: 191473-03

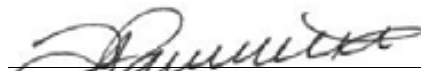
Analysis	Result	Per Unit	Specifications	Method
Total Aerobic Microbial Count	<10	CFU/g	<= 1,000,000 CFU/g	USP <2021>
Coliform	<10	CFU/g	<= 10,000 CFU/g	AOAC 991.14
E.Coli	Absent	per 10 grams	Absent	USP <2022>
Staphylococcus aureus	Absent	per 10 grams	Absent	USP <2022>
Salmonella	Absent	per 10 grams	Absent	USP <2022>
Total Yeast & Mold	<10	CFU/g	<= 100,000 CFU/g	USP <2021>
Yeast *	<10	CFU/g	<= 100,000 CFU/g	
Mold *	<10	CFU/g	<= 100,000 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 11:10:05 AM





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FDA Registration #14353128308

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Test Certificate

Description: Pancreas Lamb
 Sample ID: 41630/00406
 Lot No:
 Location:
 Received: 3/24/2020
 Completed: 3/31/2020

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

Lab No: 191475-03

Analysis	Result	Per Unit	Specifications	Method
Mercury	< 0.001	mcg/g	<= 0.5 mcg/g	ICP-MS USP <730>
Lead	0.033	mcg/g	<= 0.5 mcg/g	ICP-MS USP <730>
Arsenic	0.066	mcg/g	<= 0.5 mcg/g	ICP-MS USP <730>
Cadmium	0.015	mcg/g	<= 0.5 mcg/g	ICP-MS USP <730>
† Protein	55.60	%	30 - 70 %	AOAC 998.05

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Results Approved By:
 Alisa Farnsworth-Quality Technician

Dated: 3/31/2020

Tests marked with † were done at Atlas Bioscience Labs, LLC, a joint venture with Advanced Laboratories. - 1775 S. Pantano Rd - Ste #110, Tucson, AZ 85710

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