

Title: **TG 100 Natural Glandulars, 100 Capsules**

Allergy Research Group\* / NutriCology\*

Document No.: 71800CA

Revision: 010

**Certificate of Analysis**

<b>Part Number</b>	71800		
<b>Lot Number</b>	00503		
<b>Product Count &amp; Form</b>	100 Vegetarian Capsules		
<b>Packaging, Closure</b>	120 cc bottle, desiccant, rayon/cotton		
<b>Storage Condition</b>	Room Temperature		
<b>Shelf Life</b>	36 months	<b>Expiration Date</b>	04/2023
<b>Label Number, Size</b>	71800L, D		
<b>Retain sample</b>	4 bottles total		

**ANALYSIS**

**Physical**

Attribute	Method / SOP	Specification	Test Result
Product Color, Size	QC011	Beige, Speckled, Clear, Size 2, Veg Cap	Complies
Product Weight	QC012	Meets USP <2091>: 300 – 450 mg	Pass, 336 mg
Disintegration Time	SOP 522	Meets USP <2040>	Pass, 13:00 min

**Purity/Strength per Capsule**

Active Ingredients	Label Claim	Release Limits	Test Result
Vitamin C (as Ascorbic Acid)	120 mg	100-150% LC by titration	100-150% LC by titration*
Adrenal Tissue (Bovine)	5 mg	100-150% LC by input	100-150% LC by input*
Pancreas Tissue (Porcine)	5 mg	100-150% LC by input	100-150% LC by input*
Thymus Tissue (Ovine)	5 mg	100-150% LC by input	100-150% LC by input*
Spleen Tissue (Bovine)	5 mg	100-150% LC by input	100-150% LC by input*
Thyroid Tissue (Bovine)	40 mg	100-150% LC by input	100-150% LC by input*

**Other Ingredients:** Hydroxypropyl methylcellulose, Microcrystalline Cellulose, Silicon Dioxide, L-Leucine

\*Production and Process Control

**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
Total Protein	Total Protein by Combustion	10 – 30%	17.20%
Arsenic (inorganic)	ICP-MS per USP <2232>	≤ 15 mcg/day Ψ	0.016 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	0.082 mcg/day

Ψ – Permitted Daily Exposure, \*Production and Process Control

**Microbiology**

Attribute	Method / SOP	Specification	Test Result
Total Aerobic Count	USP/ AOAC/ FDA BAM	≤ 1 x 10 <sup>5</sup> CFU/g	< 10 CFU/g
Total Yeast & Mold	USP/ AOAC/ FDA BAM	≤ 1 x 10 <sup>4</sup> CFU/g	< 10 CFU/g
Coliform	USP/ AOAC/ FDA BAM	≤ 1 x 10 <sup>3</sup> CFU/g	< 10 CFU/g
Escherichia coli	USP/ AOAC/ FDA BAM	None Detected	Negative
Staphylococcus aureus	USP/ AOAC/ FDA BAM	None Detected	Negative
Salmonella	USP/ AOAC/ FDA BAM	None Detected	Negative

\*Production and Process Control

Approval: 	Digitally signed by Kimberly Vennebush Date: 2020.08.06 13:32:29 -06'00'	Date: 06AUG2020
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 Phone: (801) 485-1800 Fax: (801) 484-9211  
 Email: utlab@advancedlabsinc.com  
**FDA Registration #14353128308**

If you liked our service, please tell a friend. If you didn't, please tell us!

## Test Certificate

Description: TG 100  
 Sample ID: 41800 / 00503  
 Lot No:  
 Location:  
 Received: 5/5/2020  
 Completed: 5/12/2020

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

Lab No: 195355-01

Analysis	Result	Per Unit	Specifications	Method
Total Aerobic Microbial Count	<10	CFU/g	<= 100,000 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	<= 10,000 CFU/g	USP <2021>
Yeast *	<10	CFU/g	<= 10,000 CFU/g	USP <2021>
Mold *	<10	CFU/g	<= 10,000 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: 5/12/2020

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If you liked our service, please tell a friend. If you didn't, please tell us!

## Test Certificate

Description: TG 100  
Sample ID: 41800 / 00503  
Lot No:  
Location:  
Received: 5/5/2020  
Completed: 5/12/2020

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

Lab No: 195379-01

Analysis	Result	Per Unit	Specifications	Method
Mercury	< 0.001	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Lead	0.081	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Arsenic	0.016	µg/g	< 0.5 µg/g	ICP-MS USP <730>
Cadmium	< 0.001	µg/g	< 0.5 µg/g	ICP-MS USP <730>
† Protein	17.20	% wt.	10 - 30 % wt.	AOAC 998.05

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Results Approved By:

  
Kristina Noll - Quality Technician

Dated:

5/12/2020

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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