

# Sample Certificate of Analysis

Mind Bloom and Immune Bloom products includes a Certificate of Analysis (CoA) of the third party testing results of that Lot (batch), showing complete visibility into the quality of the products. We choose reputable third party labs based on their expertise. This example represents sample data for Immune Bloom.

For active compounds, we provide the total amount of Beta-glucans per serving in the batch

The product identity and the lot number helps you to verify that you are reviewing the correct CoA.

Green Compass Immune Bloom Lot	IM24184060
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Summary of safety testing results.

Pesticides	Pass
Heavy Metals	Pass
* 3 <sup>rd</sup> Party Testing at Food Chain ID	

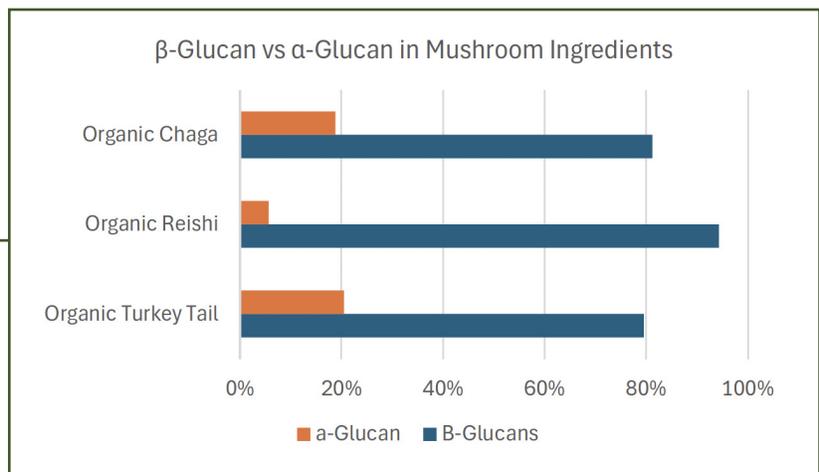
Total $\beta$ -Glucans	142.3 mg
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Raw Megazyme test data for a-, B-, and total glucans in mushroom ingredients.

		Result		
Mushroom	Amount (mg)	% $\beta$ -Glucan	% $\alpha$ -Glucan	Total Glucans
Organic Turkey Tail	76	57.5%	14.8%	72.3%
Organic Reishi	76	76.5%	4.6%	81.1%
Organic Chaga	76	53.2%	12.3%	65.5%
* 3 <sup>rd</sup> Party Mushroom testing on raw material at Twin Arbor Laboratory				
* $\alpha$ -glucan umbrella includes starch, pullulan, glycogen, & dextran				

The Megazyme test results in the chart shows both B-glucans (beta-glucans) and a-glucans (alpha glucans) which are two types of polysaccharides in mushrooms. Beta-glucans are the predominant form of glucans in mushrooms and are valued for their significant health benefits. High quality mushroom products will have a much higher amount of beta glucans than alpha glucans.

Shown here are a- and B-glucans relative to total glucans in mushroom ingredients.



Green Compass Quality Assurance reviews and approves all CoA's to ensure quality and safety standards are met.

Release Authorization  
Release Date

Linda Johnston Quality Assurance Director  
7/18/2024

We have included additional testing in both Immune Bloom and Mind Bloom CoA called a Megazyme test. This test provides the Beta-Glucan total for each individual mushroom in the product. This example is for Chaga mushrooms in Immune Bloom.



**Twin Arbor Analytical**  
Your Quality Control Lab

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**Certificate of Analysis**

<b>Accession:</b> 9945	<b>STAT</b>	<b>Client:</b> Green Compass	<b>Collection Date:</b> 6/19/2024 10:21 AM	BD
<b>External No:</b> 9385-LN		305 Raleigh St	<b>Received Date:</b> 6/20/2024 10:02 AM	TA
<b>Product:</b> Chaga Mushrooms		Unit D	<b>Reported Date:</b> 6/25/2024 2:30 PM	
<b>Product Code:</b> M2CHAGA		Wilmington, NC 28412	<b>Report Status:</b> FINAL	
<b>Invoice:</b> 1504	<b>Batch or Lot ID:</b> M2CH053124		<b>Sample Description:</b> M2 Chaga Powder	

**Analytical**

**Total Beta Glucans in mushrooms** Run by IB on 6/25/2024 2:16:41 PM at Location: TAL

*SOP/Methodology: Megazyme Kit K-YBGL*

Test	Result	Units	Specification	Status
Alpha Glucans	12.3	%	<10 %	Above Specification
Beta Glucans	53.2	%	>20 %	Within Specification
Total Glucans	65.5	%	>20 %	Within Specification

Reviewed By: \_\_\_\_\_

Woltkamp, Addie - Analytical Manager

Panel Name: Total Beta Glucans in mushrooms

Approved: 6/25/2024 2:30 PM

ND = Not Detected | LOD = Limit of Detection | LOQ = Limit of Quantification

Product details are provided by the Client and are not verified by the laboratory.  
Not all methods are ISO17025:2017 accredited.

Each CoA provides the results of testing heavy metals, pesticides. There will be a summary for each category in the CoA and line items for each heavy metal and pesticide. This includes each contaminant that's tested, its action level, and the compliance result of "pass" or "fail". Below is an example of heavy metals test results in Immune Bloom.

# ANALYSIS REPORT



Testing Solutions

Office: +1-703-222-8700  
 Web: <https://www.foodchainid.com/>  
 4150 Lafayette Center Drive  
 Chantilly, VA, Zip code: 20151 USA

Sample ID: A12664

REQUESTER

**Green Compass LLC - 11932**

1121 Military Cut Off Road, #C339, Wilmington, NC 28405

ORDER RECEIVED 7/8/2024	COMPLETED 7/17/2024	ISSUED 7/17/2024	MATRIX Cannabis and Cannabis Products (Dry)
CUSTOMER SAMPLE TYPE/DESCRIPTION IM24184060; Immunw Bloom Jellies			



Product Serving Size: 4.5 g Jelly

Analyte	Action Level	Compliance
	ppm	
[As] Arsenic	1.5	Pass
[Cd] Cadmium	0.5	Pass
[Hg] Mercury	1.5	Pass
[Pb] Lead	0.5	Pass