

RELIANCE VITAMIN CORPORATION

3775 Park Ave
EDISON, NEW JERSEY 08820

CERTIFICATE OF ANALYSIS

Product:	Chaga Mushroom Capsule	Control Number:	2021-05259
For:	Reliance	Expiration Date:	Sep-24
Preliminary Observation:	Manufacturing Date:		Sep-21

Physical Identification Compares Favorably with Standard Samples.

Assay 1	Specification Limits	Result	Method
Total Weight	587 mg - 717 mg	617 mg	USP <2091>
Disintegration	NMT 30 minutes	10 minutes	USP <2040>
Appearance	Size #00 clear capsule. Light brown/beige/sandy powder.	Size #00 clear capsule. Light brown/beige/sandy powder.	Organoleptic

QUANTITATIVE ANALYSIS

Actives:	Label/ 2 Capsule	Range	Results	Method	Rationale
Total polysaccharides	400 mg	≥100 %	419.31 mg	UV-VIS	1
Organic Chaga (Inonotus obliquus) Mushroom Mycelium Powder (Standardized to 40% polysaccharides [400mg])	1000 mg	≥100 %	Process Control	Process Control	2
Heavy Metals		Specification	Results	Method	Rationale
Arsenic		NMT 10 mcg/serving	< 1 mcg/serving	ICP-MS	2
Cadmium		NMT 4.1 mcg/serving	< 0.1 mcg/serving	ICP-MS	3
Lead		NMT 0.5 mcg/serving	< 0.1 mcg/serving	ICP-MS	3
Mercury		NMT 0.5 mcg/serving	< 0.1 mcg/serving	ICP-MS	3
Other Ingredients					
Vegetarian capsule (modified cellulose, water), silica.					
Heavy Metals		Specification	Results	Method	Rationale
Gluten		NMT 20 ppm	Pass	Elisa	3
Microbiological Testing:		Specification	Results	Method	Rationale
Total Plate Count		NMT 100,000 cfu/g	8,400 cfu/g	USP <2021>	1
Yeast and Mold Count		NMT 10,000 cfu/g	< 10 cfu/g	USP <2021>	1
E coli		Absent	Absent	USP <2022>	1
Staphylococcus aureus		Absent	Absent	USP <2022>	1
Salmonella		Absent	Absent	USP <2022>	1

This is to certify that the Product in this Certificate of Analysis is in compliance with 21 CFR Part 111.75 (c)(1)(2)(3)(4)(d)(1) for finished product specifications both met and exempted.

Testing Legend

- 1 - represents Testing Program for Physical Tests, Actives, and Microbiological Analysis: Assay 1 to be tested each lot.
 - 2 - represents confirmed by proper raw material identification, specification testing and process control
 - 3 - represents Testing Program for Heavy Metals & Gluten Assay 3 to be tested twice annually.
- Product will be released based on allowance for 15% testing variance.

Reliance Item # 1058

Quality Control 

Date

10/15/2021