

RELIANCE VITAMIN CORPORATION

3775 PARK AVE
EDISON, NEW JERSEY 08820

CERTIFICATE OF ANALYSIS

Product:	Organic Cordyceps Mushroom	Control Number:	2023-13895
For:	Reliance	Expiration Date:	Aug-26
Serving Size:	1 Capsule	Manufacturing Date:	Aug-23

Preliminary Observation:

Physical Identification Compares Favorably with Standard Samples

Physical Test	Specification	Result	Method	Rationale
Appearance	Clear Organic Capsule with Light Brown to Beige Powder Fill	Conforms to Standard	Organoleptic	1
Average Weight (mg)	780 mg (±10%)	747 mg	USP <2091>	1
Disintegration (minutes)	NMT 30 min	5 mins	USP <2040>	1

QUANTITATIVE ANALYSIS

Assay	Specification/Serving	Results/Serving	Method	Rationale
Total polysaccharides	400 mg (≥100%)	408.28 mg	UV-VIS	1
Actives:	Specification/Serving	Results/Serving	Method	Rationale
Organic Cordyceps (<i>Cordyceps sinensis</i>) Mushroom Mycelium Powder (Standardized to 40% polysaccharides [200mg])	500 mg (≥100%)	500 mg	SOP QC-317	2
Other Ingredients:				
Organic pullulan capsule (pullulan powder, water), rice powder.				
HEAVY METALS	Specification/Serving	Results/Serving	Method	Rationale
ARSENIC	NMT 10 mcg/daily serving	0.1799 mcg/serving	ICP-MS	3
CADMIUM	NMT 4.1 mcg/daily serving	0.0468 mcg/serving	ICP-MS	3
LEAD	NMT 0.5 mcg/daily serving	0.1438 mcg/serving	ICP-MS	3
MERCURY	NMT 0.5 mcg/daily serving	0.0793 mcg/serving	ICP-MS	3
GLUTEN	Specification/Serving	Results/Serving	Method	Rationale
GLUTEN	NMT 20 ppm	Pass	ELISA	3
Microbiological:	Specifications	Results	Method	Rationale
Total Plate Count	≤ 100,000 CFU/g	< 10 CFU/g	USP <2021>	1
Yeast and Mold Count	≤ 10,000 CFU/g	< 10 CFU/g	USP <2021>	1
E. coli	Absent	Absent	USP <2022>	1
Salmonella sp.	Absent	Absent	USP <2022>	1
Staphylococcus aureus	Absent	Absent	USP <2022>	1

This is to certify that the Product in this Certificate of Analysis is in compliance with

CFR 21 Part 111 GMP regulations (active ingredients only). Additional testing must be requested by customer and will be at customer's expense (billed separately).

21 CFR Part 111.75 (c)(1)(2)(3)(4)(d)(1) for finished product specification both met and exempt.

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 10% testing variance

Reliance # 1213


Quality Control

09/21/23
Date