

RELIANCE VITAMIN CORPORATION

3775 PARK AVE
EDISON, NEW JERSEY 08820

CERTIFICATE OF ANALYSIS

Product:	Organic Lion's Mane Mushroom 500 mg	Control Number:	2023-13956
For:	Reliance	Expiration Date:	Aug-26
Serving Size:	2 Capsule	Manufacturing Date:	Aug-23

Preliminary Observation:

Physical Identification Compares Favorably with Standard Samples

Physicial Test	Specification	Result	Method	Rationale
Appearance:	Clear Organic Capsule size #00 with Tan Powder Fill	Conforms to Standard	Organoleptic	1
Total Weight:	702 mg -858 mg	787 mg	USP <2091>	1
Disintegration:	NMT 30 minutes	5 minutes	USP <2040>	1
Count per container (SKU-1):	NLT 60	60	SOP PKG-491	1
Count per container (SKU-2):	NLT 120	120	SOP PKG-491	1

QUANTITATIVE ANALYSIS

Actives:	Label Claim/Serving	Specification/Serving	Results/Serving	Method	Rationale
Total polysaccharides [from Organic Lion's Mane Mushroom Powder (<i>Hericium erinaceus</i>)]	400 mg	≥100%	401.78 mg	UV-VIS	1
Organic Lion's Mane Mushroom (<i>Hericium erinaceus</i>) Powder [Standardized to 40% polysaccharides (400 mg)]	1 g	≥100%	1 g	SOP QC-317	2
Other Ingredients:					
Organic capsule (pullulan, water), organic pea starch.					
Heavy Metals	Specification	Results	Method	Rationale	
Total Heavy Metals	< 20 mcg/serving	0.3198 mcg	ICP-MS	3	
Arsenic	< 10 mcg/serving	0.0913 mcg	ICP-MS	3	
Cadmium	< 4.1 mcg/serving	0.0366 mcg	ICP-MS	3	
Lead	< 0.5 mcg/serving	0.1652 mcg	ICP-MS	3	
Mercury	< 0.3 mcg/serving	0.0267 mcg	ICP-MS	3	
Microbiological:	Specifications	Results	Method	Rationale	
Total Plate Count	≤ 100,000 CFU/g	1,140 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

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, to be tested each lot.

2 - represents testing confirmed by proper raw material identification, specification testing, and per SOP QC-317.

3- represent Testing Program for heavy Metals : Assay 3 to be tested first 3 lots, then annually, and per SOP QC-317.

Product will be released based on allowance for 10% testing variance.

Reliance # 1207


Quality Control

08/21/2023
Date