



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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PHYTOCIDIC LICHEN NATURAL PRESERVATIVE CERTIFICATE OF ANALYSIS LOT:BN9396632/AP

Manufacture Date: August 11, 2023

Re-Test Date: August 11, 2024

QA Signature: Steven Konert

Specification	Parameter	Result
Appearance	Clear to Slightly Hazy Liquid	Pass
Color	Light Yellow to Amber	Pass
Odor	Characteristic	Pass
pH (Direct)	6.0 – 8.0	6.9
Usnic Acid (UV-Vis)	0.15 – 0.30	0.21
Heavy Metals	< 20 ppm	< 20 ppm
Lead	< 10 ppm	< 10 ppm
Arsenic	< 2 ppm	< 2 ppm
Cadmium	< 1 ppm	< 1 ppm
Minimum Inhibitory Concentration¹ Organism (ATCC#)		
E. coli	0.25 – 1.00%	1.00
S. aureus	0.25 – 1.00%	0.50
P. aeruginosa	0.25 – 1.00%	1.00
C. albicans	0.25 – 1.00%	0.50
A. brasiliensis	0.25 – 1.00%	0.50

DO NOT FREEZE; Store at or near room temperature; May sediment upon standing; Mix well prior to use

When handling this product please prevent exposure to temperatures above 25°C and prolonged exposure to UV. Exposure to temperatures above 25°C and direct UV may cause instability

Shelf life is guaranteed for twelve months from the date of production if the product is stored in the unopened original container between 15°C - 30°C, protected from light. Containers that have been opened should be tested at least yearly to ensure potency. Although Bulk Naturals Wholesale LLC. believes the above information to be accurate based on the information available to Bulk Naturals, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to using to verify that the product purchased from Bulk Naturals meets their quality requirements and is appropriate for the use to which the product is to be put. The information provided above shall be considered effective only for the lot with which the information is being provided. Use and purchase of this material are subject to Bulk Naturals Wholesale LLC. standard terms and conditions, which supersede any conflicting terms contained on the Buyer's purchase order or any document or instrument supplied by Buyer.