



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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## ROSEMARY EXTRACT 5% CARNOSIC ACID ANTIOXIDANT

CERTIFICATE OF ANALYSIS

LOT: BN1020230110/AP

**Manufacture Date:** January 10, 2023

**Expiration Date:** January 9, 2025

**QA Signature:** Steven Konert

Specification	Parameter	Results	Test Method
Assay	Carnosic Acid $\geq$ 5%	5.25%	HPLC
Appearance	Brown Liquid	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Loss on Drying	$\leq$ 1.00%	0.26%	Ch. P. C. Rule 52
Ash	$\leq$ 1.00%	0.23%	Ch. P. C. Rule 2302
Heavy Metals	$\leq$ 10mg/kg	<10mg/kg	Colorimetric Method
Arsenic (As)	$\leq$ 3mg/kg	0.112mg/kg	Ch. P. C. Rule 21-ICP-MS
Lead (Pb)	$\leq$ 2mg/kg	0.108mg/kg	Ch. P. C. Rule 21-ICP-MS
Mercury (Hg)	$\leq$ 2mg/kg	0.0279mg/kg	Ch. P. C. Rule 21-ICP-MS
Cadmium (Cd)	$\leq$ 2mg/kg	0.0334mg/kg	Ch. P. C. Rule 21-ICP-MS
Total Plate Count	$\leq$ 5000CFU/g	110CFU/g	Ch. P. C. Rule 80
Total Yeast & Mold	$\leq$ 500CFU/g	20CFU/g	Ch. P. C. Rule 80
Coliforms	$\leq$ 10CFU/g	Negative in 25g	Ch. P. C. Rule 80
Salmonella	Negative	Negative in 25g	Ch. P. C. Rule 80

**Storage:** Cold, drying, avoid the sunlight.

Shelf life is guaranteed for two years 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 the Buyer.