



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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## PINE BARK BOTANICAL EXTRACT POWDER

### CERTIFICATE OF ANALYSIS

LOT: BN210911/BE

**Manufacture Date:** September 11, 2021

**QA Signature:** Steven Konert

**Expiration Date:** September 11, 2024

Specification	Parameter	Result	Test Method
Content	Proanthocyanidins ≥ 95 %	97.19%	UV    USP<857>
Identification	Correspond to standard	Conform	TLC    USP<201>
<b>PHYSICAL CHARACTERISTIC</b>			
Odor and Taste	light Smell and Astringent	Conform	Organoleptic
Particle Size	NLT 90% Through 80 mesh	100.00%	Analytical sieving    USP <786>
Loss on Drying	NMT 5.0%	3.46%	USP <731>
Total Ash	NMT 5.0%	2.37%	USP <561>
<b>MICROBIOLOGICAL CHARACTERISTICS</b>			
Total Plate Coun	NMT 10,000 cfu/g	100cgu/g	USP<61>
Total Yeast & Mold	NMT 1,000 cfu/g	<100cfu/g	USP<61>
E.Coli	Not Detected in(g) 10	Not Detected	USP<61>
Salmonella	Not Detected in(g) 25	Not Detected	USP<61>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<61>

Shelf life is guaranteed for three 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 Buyer.