



# Bulk Naturals Wholesale LLC

[bulknaturalswholesale.com](http://bulknaturalswholesale.com)

212 N Jefferson Unit 12A Ava, Mo 65608, USA/Phone: 1-573-465-0612

## ELDERBERRY BOTANICAL EXTRACT POWDER

CERTIFICATE OF ANALYSIS

LOT: BN1115013202714/BE

**Manufacture Date:** November 13, 2022

**QA Signature:** Steven Konert

**Expiration Date:** November 13, 2025

Specification	Parameter	Test Result	Test Method
<b>Sensory Requirement</b>			
Character	It should be light to dark purple free flowing powder.	Conforms	Organoleptic
Odor	Characteristic odor and taste. Without obvious visible impurities.	Conforms	Organoleptic
<b>QUALITY DATA</b>			
Water, %	NMT 5.0	4.07	Ch.P<0832>
Ash, %	NMT 5.0	0.60	ChP<2302>
Particle size (80 mesh sieve), %	NLT 95	99.64	ChP<0982>
Bulk density, g/ml	0.30-0.50	0.49	Enterprise method
<b>HEAVY METALS</b>			
Total heavy metals, ppm	NMT 10	Conforms	Ch.P<0821>
Lead, ppm	NMT 1.0	0.16	Ch.P<2321>
Arsenic, ppm	NMT 1.0	0.12	Ch.P<2321>
Mercury, ppm	NMT 0.1	0.02	Ch.P<2321>
Cadmium, ppm	NMT 0.5	0.06	Ch.P<2321>
<b>CONTROL ITEMS</b>			
Aflatoxin B1, ppb	NMT 5.0	Conforms	Test by External Lab
Aflatoxins B1+B2+G1+G2, ppb	NMT 10.0	Conforms	Test by External Lab
<b>MICROBIAL LIMITS</b>			
TABC, cfu/g	NMT 1000	150	Ch.P<1105>
TMYC, cfu/g	NMT 100	10	Ch.P<1105>
E. Coli, /10g	Absent	ND	Ch.P<1106>
Salmonella, /10g	Absent	ND	Ch.P<1106>
S. aureus, /10g	Absent	ND	Ch.P<1106>
<b>Conclusion:</b> The test results conform with the manufacture's standard.			
<b>Storage:</b> Keep it sealed in cool and dry place, guard against damp.			

Shelf life is guaranteed for three years 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.