



Bulk Naturals Wholesale LLC

bulknaturalswholesale.com

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

BLUEBERRY BOTANICAL EXTRACT POWDER

CERTIFICATE OF ANALYSIS

LOT: BN230523/BE

Manufacture Date: May 23, 2023

Expiration Date: May 22, 2026

QA Signature: Steven Konert

Specification	Parameter	Result	Method
Identification	Correspond to Standard	Conform	TLC USP<201>
Physical Characteristic			
Particle Size	NLLT 95.0% Through 80 mesh	Conform	Analytical sieving USP <786
Loss on Drying	NMT 5.0%	2.21%	USP <731>
Total Ash	NMT 5.0%	2.14%	USP <561>
Bulk Density	Between 40-70g/100m	44.13g/100ml	USP <616> Method I
Tapped Density	Between 50-90g/100ml	67.07g/100ml	USP <616> Method I
Chemical Characteristics			
DDT Residue	NMT 0.01ppm	Not Detected	SN/T0145-2010
BHC Residue	NMT 0.01ppm	Not Detected	SN/T0145-2010
PCNB Residue	NMT 0.02ppm	Not Detected	SN/T1957-2007
Methamidophos Residue	NMT 0.02ppm	Not Detected	SN/T4254-2015
Parathion Residue	NMT 0.01ppm	Not Detected	SN/T4254-2015
Heavy Metals(as Pb)	NMT 10ppm	< 10ppm	USP <231> Method II
Arsenic (As)	NMT 2ppm	0.83ppm	ICP-MS USP <233
Lead (Pb)	NMT 2ppm	0.71ppm	ICP-MS USP <233
Cadmium(Cd)	NMT 1ppm	0.15ppm	ICP-MS USP <233
Mercury(Hg)	NMT 1ppm	0.03ppm	ICP-MS USP <233
Microbiology			
Total Plate Count	NMT 10,000cfu/g	100cfu/g	USP<61>
Total Yeast & Mold	NMT 1,000cfu/g	< 100cfu/g	USP<61>
E.Coli	Not Detected in(g) 10	Not Detected	USP<62>
Salmonella	Not Detected in(g) 25	Not Detected	USP<62>
Staphylococcus	Not Detected in(g) 10	Not Detected	USP<62>

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 the Buyer.