



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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## GOTU KOLA EXTRACT POWDER

### CERTIFICATE OF ANALYSIS

LOT: BN220924/BE

**Manufacture Date:** September 24, 2022

**QA Signature:** Steven Konert

**Expiration Date:** September 23, 2025

Specification	Parameter	Method	Result
Ratio	10:1	TLC    USP<201>	10:1
Identification	Correspond to standard	TLC    USP<201>	Conform
<b>PHYSICAL CHARACTERISTICS</b>			
Particle Size	NLT 95% Through 80 mesh	Analytical sieving    USP <786>	Conform
Loss on Drying	NMT 5.0%	USP <731>	2.15%
Total Ash	NMT 5.0%	USP <561>	3.09%
Bulk Density	Between 4-70g/100ml	USP <616> Method I	58.76/100ml
<b>CHEMICAL CHARACTERISTICS</b>			
Residual Solvent	NMT 5,000 ppm	GC    USP <467>	Conform
Pesticide Residue	Meet the requirements	GC    USP <561>	Conform
Heavy Metals (as Pb)	NMT 10 ppm	USP <231> Method II	Conform
Arsenic (As)	NMT 2 ppm	ICP-MS    USP <233>	0.1101ppm
Lead (Pb)	NMT 2 ppm	ICP-MS    USP <233>	0.0918 ppm
Cadmium (Cd)	NMT 1 ppm	ICP-MS    USP <233>	0.0251 ppm
Mercury (Hg)	NMT 1 ppm	ICP-MS    USP <233>	0.0028 ppm
<b>MICROBIOLOGICAL CHARACTERISTICS</b>			
Total Plate Count	NMT 10,000 cfu/	USP<61>	300 cfu/g
Total Yeast & Mold	NMT 1,000 cfu/g	USP<61>	< 100 cfu/g
E.Coli	Not Detected in(g) 10	USP<62>	Not Detected
Salmonella	Not Detected in(g) 25	USP<62>	Not Detected
Staphylococcus	Not Detected in(g) 10	USP<62>	Not Detected
<b>Storage:</b>	<b>Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.</b>		

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.