



# Bulk Naturals Wholesale LLC

**bulknaturalswholesale.com**

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## GINGER EXTRACT POWDER GINGEROL 5% CERTIFICATE OF ANALYSIS LOT: BN240813/BE

**Manufacture Date:** September 13, 2022  
**Expiration Date:** September 13, 2024

**QA Signature:** Steven Konert

Specification	Parameter	Result	Method
Appearance	Yellow Powder	Conforms	Visual
Odor	Characteristic	Conforms	Olfactory
Solubility	Water Soluble	Conforms	Visual
Particle Siz	≥95% through 80 mesh	Conforms	Screening
Residue on Ignition	≤5g/100g	3.22g/100g	3g/550°C/4hrs
Loss on Drying	≤5g/100g	2.96g/100g	3g/105°C/2hrs
5.09%	≥5%	0.98%	UV
<b>Residue Analysis</b>			
Heavy Metals	≤10mg/kg	Conform	
Lead (Pb)	≤3.00mg/kg	Conform	ICP-MS
Arsenic (As)	≤2.00mg/kg	Conform	ICP-MS
Cadmium (Cd)	≤1.00mg/kg	Conforms	ICP-MS
Mercury (Hg)	≤0.5mg/kg	Conforms	ICP-MS
<b>MICROBIOLOGICAL CHARACTERISTICS</b>			
Total Plate Count	≤10000cfu/g	<200cfu/g	AOAC 990.12
Total Yeast & Mold	≤100cfu/g	<10cfu/g	AOAC 997.02
Escherichia Coli	Negative/10g	Conform	AOAC 991.14
Salmonella	Negative/10g	Conform	AOAC 998.09
S.aureus	Negative/10g	Conform	AOAC 2003.07

**Storage:** Store in cool, dry place away from moisture, and light.

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.