

# Certificate of Analysis



**Product Name:** Ginseng Root Powder  
**Botanical Name:** *Panax quinquefolius*  
**Origin:** Canada  
**Harvest Date:** 2022  
**Part Used:** Root  
**Lot Number:** TF2022-1  
**Shelf Life:** 2 Years  
**Expiration Date:** November 2024  
**Grade:** Canada No. 1  
**Treatment:** None  
**Additives:** None

Test	Specifications	Results	Method
Identity	Passed	Passed	Organoleptic
Identity	Passed	Passed	HPTLC
Particle Size	Varies	US #80 mesh	Industry Standard
Extraneous Matter	<1.0%	0.04%	WHO Method
Bulk Density (g/20ml)	Varies	7.17	MRH (Untapped)
Bacterial Plate Count (Aerobic)	<10 cfu/g	0.08 cfu/g	AOAC 990.12
Coliform	<10,000 cfu/g	500 cfu/g	AOAC 991.14
<i>E. coli</i>	Absent/25g	Absent/25g	AOAC 991.14
<i>Salmonella</i>	Absent/25g	Absent/25g	AOAC #960801
Yeast & Mold	<100,000 cfu/g	<100,000 cfu/g	AOAC #040901
Mouisture Content	<12%	8.3%	DSC Analyzer
Pesticide Residue	None Detected	None Detected	Cholinesesterase enzyme

**Packaging and Storage:** Food grade sealed bags. Materials need to be stored under cool, dry conditions. Sealed poly-lined corrugated cardboard boxes are recommended for bulk storage. Keep out of contact with natural and artificial lighting. Temperature should ne be less than 40°F or exceed 85°F

Alicia Givens  
Quality Control Department

Date 2022-11-30