

R1-0136

R-12928

2-3-22

CERTIFICATE OF ANALYSIS

Product Name: Panax Ginseng P.E. 4:1	Country of Origin: China	Lot#: NIGPGINR4-1-2101V039001
Botanical Name: <i>Panax ginseng</i> C.A. Meyer		Manufacture Date: Jan 2021
Free From: GMOs, Irradiation		Retest Date: Jan 2024

TEST ITEMS	SPECIFICATIONS	RESULTS	TEST METHODS
Appearance	Brown Yellow Powder	Complies	Visual
Taste & Odor	Characteristic	Complies	Organoleptic
Assay: Ginsenosides	NLT 1%	1.26%	HPLC
Loss on Drying	NMT 8%	2.99%	CP2015
Particle Size	Thru 80 Mesh	100%	Mesh Screen
Pesticide Residues	Meets Requirements	Complies	USP<561> EC396
HEAVY METALS ANALYSIS			
Heavy Metals	NMT 10ppm	Complies	USP<231>
Lead (Pb)	NMT 2ppm	< 0.5ppm	AAS
Arsenic (As)	NMT 2ppm	< 0.5ppm	AAS
Mercury (Hg)	NMT 2ppm	< 0.1ppm	AAS
Cadmium (Cd)	NMT 2ppm	< 0.1ppm	AAS
MICROBIOLOGICAL ANALYSIS			
Total Plate Count	NMT 10,000cfu/g	130cfu/g	CP2015
Yeast & Mold	NMT 1,000cfu/g	10cfu/g	CP2015
E. Coli	Absent	Not Detected	CP2015
Salmonella	Absent	Not Detected	CP2015
Staph. Aureus	Absent	Not Detected	CP2015

Storage	Store in a clean, cool, dry place at room temperature.
Shelf Life	Three years if sealed and stored away from direct sunlight.