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Certificate of Analysis

Product Name: Red Ginseng Powder

Botanical Name: Panax Ginseng

Lot No. BPCRGP102023

Country of Origin: Korean

Expiry Date: October 2027

Item	Specification	Result	Test Method
Physical&Chemical Control			
Appearance	Brown Yellow Fine Powder	Complies	Visual
Odor&Taste	Characteristic	Complies	Organoleptic
Identification	Conforms to standards	Conforms	TLC
Particle Size	100% Pass 80 Mesh	80 Mesh	USP < 786 >
Loss on drying	≤10.0%	2.14%	USP < 731 >
Residue on Ignition	≤10.0%	0.55%	USP < 281 >
Bulk Density	35-65g/100ml	42g/100ml	USP<616>
Heavy Metals			
Heavy Metals	≤20ppm	Conforms	CP2020
Lead(Pb)	≤3ppm	0.16ppm	ICP-MS
Arsenic (As)	≤2ppm	0.17ppm	ICP-MS
Mercury(Hg)	≤0.5ppm	≤0.5ppm	ICP-MS
Cadmium(Cd)	≤1ppm	≤1ppm	ICP-MS
Microbiology Control			
Total Plate Count	≤100,000cfu/g	750cfu/g	AOAC 990.12
Total Yeast & Mold	≤500cfu/g	95cfu/g	AOAC 997.02
Escherchia Coli	Absent	Conforms	AOAC-OMA 991.14
Salmonella Species	Absent	Conforms	AOAC-RI 061301
Staphylococcus aureus	Absent	Conforms	AOAC-OMA 2003.07

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