

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Prickly Pear Cactus Extract 10:1
<b>Botanical name</b>	Opuntia ficus-indica (L.) Mill.
<b>Part Used</b>	Fruit
<b>Batch No.</b>	LGXRZ-240620
<b>Manufacture Date</b>	2024/06/20
<b>Expire Date</b>	2027/06/19

### Physical & Chemical Characteristics

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Content (Ratio)	10:1	10:1
Identification	Corresponds to standard	Conforms
Appearance	Pink red powder	Conforms
Odor	Typical	Typical
Taste	Typical	Typical
Particle size	NLT 95% through 80 mesh	98.32%
Loss on drying	NMT 5.00%	2.17%
Total Ash	NMT 5.00%	2.82%
Bulk density	Between 40–60 g/100 ml	50.35 g/100 ml

### Heavy Metals

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Heavy Metals (Total, as Pb)	NMT 10 ppm	Conforms
Arsenic (As)	NMT 2 ppm	0.359 ppm
Lead (Pb)	NMT 2 ppm	0.921 ppm
Cadmium (Cd)	NMT 1 ppm	0.052 ppm
Mercury (Hg)	NMT 1 ppm	0.091 ppm

**Microbiological Tests**

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Total Plate Count	NMT 1,000 CFU/g	150 CFU/g
Total Yeast & Mold	NMT 100 CFU/g	5 CFU/g
E. coli	Not Detected in 10 g	Not Detected
Salmonella	Not Detected in 25 g	Not Detected
Staphylococcus	Not Detected in 10 g	Not Detected

**Chemical Characteristics**

<b>Analysis Item</b>	<b>Specification</b>	<b>Result</b>
Residual Solvents	NMT 5000 ppm	Conforms
Pesticide Residue	Meets requirements	Conforms

<b>General Status</b>	Solvents Used: Water; Carrier Used: Dextrin; Sterilization Method: Heat (NON-IRR); Kosher: Yes; Halal: No.
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