



## CERTIFICATE OF ANALYSIS

Inulin (90% from Jerusalem artichoke)

### GENERAL INFORMATION

<b>Lot Number</b>	CJF-C-A302659	<b>Report Date</b>	06/27/2023
<b>Manufacture Date</b>	06/20/2023	<b>Expiration Date</b>	06/19/2026
<b>Botanical Species</b>	<i>Helianthus tuberosus</i>	<b>Part Used</b>	Root
<b>Country of Origin</b>	China	<b>Carrier Used</b>	None
<b>Solvent Used</b>	Water	<b>Kosher    Halal</b>	Yes    No

ITEM	SPECIFICATION	TEST RESULTS	METHOD
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### PHYSICAL & CHEMICAL

Identification	Corresponds to Reference Standard		Complies	HPLC    FCC
Appearance	White fine powder		Complies	Organoleptic
Inulin (Dry Basis)	NLT (%)	90.0	92.69	HPLC    FCC
Particle Size	NLT	95% through 80 mesh	Complies	USP<786>
Loss on Drying	NMT (%)	10.0	3.09	USP<731>
Bulk Density	Between (g/100ml)	30-70	57	USP<616>Method I

### CONTAMINANTS

Lead (Pb)	NMT (ppm)	2.0	0.0118	ICP-MS    USP<730>
Arsenic (As)	NMT (ppm)	2.0	0.0113	ICP-MS    USP<730>
Cadmium (Cd)	NMT (ppm)	1.0	0.0004	ICP-MS    USP<730>
Mercury (Hg)	NMT (ppm)	1.0	0.0091	ICP-MS    USP<730>
Pesticide Residue	Meets Requirements		Complies	USP<565>

### MICROBIOLOGICAL

Total Plate Count	NMT (cfu/g)	10,000	10	USP<2021>
Yeast & Mold	NMT (cfu/g)	1,000	30	USP<2021>
E.Coli.	Absent (cfu/10g)		Complies	USP<2022>
Salmonella	Absent (cfu/10g)		Complies	USP<2022>
Staphylococcus aureus	Absent (cfu/10g)		Complies	USP<2022>

### PACKING & STORAGE

Packed in a polyethylene lined corrugated package.  
Store in a well-closed container away from moisture, light, and heat.  
Net Weight: 20 kg Pack Type: Bag

### SHELF LIFE

36 months if under the conditions above and in its original packaging.

### MANUFACTURER

Shaanxi Jiahe Pharmaceutical Co., Ltd.

### NOTE

*This is a natural product, variances may be found that are due to the growing and drying conditions, age, season, harvest time, geographic location, production process, etc.*

Completed by: Qiangang Wang

Signature:

Title: Quality Control Manager