



## SPECIFICATION SHEET

### Magnolia Extract 2% Honokiol HPLC

#### GENERAL INFORMATION

<b>Botanical Species</b>	<i>Magnolia officinalis</i>	<b>Part Used</b>	Bark
<b>Country of Origin</b>	China	<b>Carrier Used</b>	Maltodextrin
<b>Solvent Used</b>	Water & Ethanol	<b>Kosher    Halal</b>	Yes    Yes

ITEM	SPECIFICATION	METHOD
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#### PHYSICAL & CHEMICAL

Identification	Corresponds to Reference Standard	HPTLC    USP<203>
Appearance	Yellow brown fine powder	Organoleptic
Honokiol	NLT (%) 2.0	HPLC    USP<621>
Particle Size	NLT 95% through 80 mesh	USP<786>
Loss on Drying	NMT (%) 10.0	USP<731>
Bulk Density	Between (g/100ml) 30-70	USP<616>Method I

#### CONTAMINANTS

Lead (Pb)	NMT (ppm) 2.0	ICP-MS    USP<730>
Arsenic (As)	NMT (ppm) 2.0	ICP-MS    USP<730>
Cadmium (Cd)	NMT (ppm) 1.0	ICP-MS    USP<730>
Mercury (Hg)	NMT (ppm) 1.0	ICP-MS    USP<730>
Solvent Residue	Meets Requirements	GC    USP<467>
Pesticide Residue	Meets Requirements	USP<561>Modified

#### MICROBIOLOGICAL

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

#### PACKING & STORAGE

Packed in a polyethylene lined corrugated package.

Store in a well-closed container away from moisture, light, and heat.

#### SHELF LIFE

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

#### 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

**Date:** 05/27/2022