

# SPECIFICATION SHEET

## Horsetail Extract 7% Silica UV

### GENERAL INFORMATION

<b>Botanical Species</b>	<i>Equisetum arvense</i>	<b>Part Used</b>	Aerial
<b>Country of Origin</b>	China	<b>Carrier Used</b>	Maltodextrin
<b>Solvent Used</b>	Water	<b>Kosher    Halal</b>	Yes    Yes

ITEM	SPECIFICATION	METHOD
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### PHYSICAL & CHEMICAL

Identification	Corresponds to Reference Standard	<i>HPTLC    USP&lt;203&gt;</i>
Appearance	Light yellow brown to greenish brown fine powder	<i>Organoleptic</i>
Silica	NLT (%) 7.0	<i>UV    USP&lt;857&gt;</i>
Particle Size	NLT 95% through 80 mesh	<i>USP&lt;786&gt;</i>
Loss on Drying	NMT (%) 10.0	<i>USP&lt;731&gt;</i>
Bulk Density	Between (g/100ml) 30-70	<i>USP&lt;616&gt;Method I</i>

### CONTAMINANTS

Lead (Pb)	NMT (ppm) 2.0	<i>ICP-MS    USP&lt;730&gt;</i>
Arsenic (As)	NMT (ppm) 2.0	<i>ICP-MS    USP&lt;730&gt;</i>
Cadmium (Cd)	NMT (ppm) 1.0	<i>ICP-MS    USP&lt;730&gt;</i>
Mercury (Hg)	NMT (ppm) 1.0	<i>ICP-MS    USP&lt;730&gt;</i>
Pesticide Residue	Meets Requirements	<i>USP&lt;561&gt;Modified</i>

### MICROBIOLOGICAL

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

### 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: *Qiangang Wang*

Title: Quality Control Manager

Date: 02/09/2021