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SPECIFICATION SHEET

White Willow Bark Extract 25% Salicin

GENERAL INFORMATION

Botanical Species	*Salix alba*	**Part Used**	Bark
Country of Origin	China	**Carrier Used**	None
Solvent Used	Water & Ethanol	**Kosher || Halal**	Yes || Yes

ITEM	SPECIFICATION		METHOD
PHYSICAL & CHEMICAL			
Identification	Corresponds to Reference Standard		*HPTLC || USP<203>*
Appearance	Yellow brown to light brown fine powder		*Organoleptic*
Salicin	NLT (%)	25.0	*HPLC || USP<621>*
Particle Size	NLT	95% through 80 mesh	*USP<786>*
Loss on Drying	NMT (%)	1	*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>*
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.
Net Weight: 25 kg Pack Type: Box

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.*

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____
Abdullah Malik (QA)