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SPECIFICATION SHEET

Product Name	EPIMEDIUM SAGITTATUM (HORNEY GOAT WEED) EXTRACT ICARIINS 10% HPLC
Botanical Source	Epimedium Sagittatum
Country of Origin	China
Solvents Used	Water & Ethanol
Sterilization Method	Heat || NON-IRR/ETO
Part Used	Aerial
Carrier	None
Appearance	Brown fine powder
Kosher || Halal	Yes

ITEMS	SPECIFICATION	METHOD&REFERENCE
Identification	Correspond to standard	TLC || USP<201>
Icariins (HPLC)	NLT (%) 10.0	HPLC || USP<621>
Particle size	NLT 90% through 80 mesh	Analytical sieve || USP<786>
Loss on drying	NMT (%) 10.0	USP<731>
Total ash	NMT (%) 10.0	USP<561>
Bulk density	Between 30~70	USP<616> method I
Residue of Solvents	NMT (ppm) 5000	GC || USP<467>
Heavy Metals	NMT (ppm) 10.0	USP<2312> method II
Lead (Pb)	NMT (ppm) 2.0	ICP-MS
Arsenic (As)	NMT (ppm) 2.0	ICP-MS
Cadmium (Cd)	NMT (ppm) 1.0	ICP-MS
Mercury (Hg)	NMT (ppm) 1.0	ICP-MS
Total Plate Count	NMT (cfu/g) 10000	USP<61>
Yeast & Mold	NMT (cfu/g) 1000	USP<61>
E. Coli.	Not detected in (g) 10	USP<61>
Salmonella	Not detected in (g) 25	USP<61>
Staphylococcus	Not detected in (g) 10	USP<61>

Note: The above information is based on the certificate of analysis 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)