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SPECIFICATION SHEET Epimedium 10% (Horny Goat Weed P.E. 10% Icaria UV)

Item Code: 160A


Country of Origin: China

Updated: August 2012

Botanical Source: *Epimedium sagittatum*
Plant Part Used: *Aerial*
Sterilization method: Heat/ Non-Irradiated
Solvents Used: Water & Ethanol

TEST ITEMS	SPECIFICATIONS	TEST METHODS
Appearance	Yellow- brown fine powder	Visual
Identification	To correspond to standard	TLC/ USP<201>
Icaria	≥10.0%	UV/ USP<851>
Particle Size	≥90% though 80 mesh	USP<786>
Loss on drying	≤10.0%	USP<731>
Total ash	≤10.0%	USP<561>
Bulk density	30 – 70 g/ 100 ml	USP<616>Method I
Heavy Metals	≤20 ppm	USP<231> Method II
Lead (Pb)	≤2 ppm	ICP-MS
Arsenic (As)	≤2 ppm	ICP-MS
Cadmium (Cd)	≤1 ppm	ICP-MS
Mercury (Hg)	≤1 ppm	ICP-MS
Residual Solvents	≤5,000 ppm	GC/ USP<467>
Pesticide Residue	To meet requirements	GC/ USP<561>
Microbiology:		
Total aerobic plate count	≤10,000 cfu/g	USP<61>
Yeast & Mold	≤1,000 cfu/g	USP<61>
E. coli	Negative	USP<61>
Salmonella	Negative	USP<61>
Staph. aureus	Negative	USP<61>
Storage:	Store in tight, light-resistant containers at ambient temperatures, away from direct sunlight, moisture and excessive heat	
Shelf Life:	3 years	
Packing:	In drums of 25 kgs or cartons of 20 kgs	

- Kosher certified


Gayathri Vasudevan

Manager, Quality Assurance & Regulatory