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SPECIFICATION SHEET

Barberry Extract

Batch Quantity	1000KG	**Country of Origin**	China
Botanical Source	*Berberis Vulgaris*	**Part Used**	Root(100% Natural)
Appearance	Yellowish Brown Fine Powder	**Kosher || Halal**	Yes || No
Sterilization Method	Heat || NON-IRR		

ITEMS	**SPECIFICATION**	**METHOD**
Assay	Berberine ≥ 6%	HPLC || USP<201>
Identification	Correspond to standard	HPLC || USP<201>
PHYSICAL CHARACTERISTICS		
Particle Size	NLT 95% Through 80 mesh	Analytical sieving || USP <786>
Loss on Drying	NMT 5.00%	USP <731>
Total Ash	NMT 5.00%	USP <561>
Bulk Density	Between 40-60g/100ml	USP <616> Method I
CHEMICAL CHARACTERISTICS		
Pesticide Residue	Meet the requirements	GC || USP <561>
Heavy Metals(as Pb)	NMT 20ppm	USP <231> Method II
Arsenic (As)	NMT 3ppm	ICP-MS
Lead (Pb)	NMT 3ppm	ICP-MS
Cadmium(Cd)	NMT 3ppm	ICP-MS
Mercury(Hg)	NMT 3ppm	ICP-MS
MICROBIOLOGICAL CHARACTERISTICS		
Total Plate Count	NMT10000cfu/g	USP<61>
Total Yeast & Mold	NMT1000cfu/g	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>

Packing and Storage	Polyethylene bag with cardboard drum. 25kg net. Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

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)