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Specification Sheet

Marigold Extract Powder Lutein 20% HPLC

General Information

Part Used: Flower
Botanical Source: *Tagetes erecta L.* Country Of Origin: China

ITEMS	SPECIFICATION	METHOD
Physical&Chemical Data		
Color	Orange	Organoleptic
Odour	Characteristic	Organoleptic
Appearance	Fine Powder	Organoleptic
Analytical Quality		
Identification	Identical to R.S. sample	HPTLC
Lutein	≥20.0%	HPLC
Sieve analysis	100 % through 80 mesh	USP34<786>
Loss on Drying	≤5.0%	Eur.Ph.7.0 [2.8.17]
Total Ash	≤10.0%	Eur.Ph.7.0 [2.4.16]
Contaminants		
Heavy Metals	≤2.0 mg/kg	
Arsenic (As)	≤2.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS
Mercury (Hg)	≤1.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Eur.Ph 7.0<2.4.24>
Pesticides Residue	Meet USP Requirements	USP34 <561>
Microbiological		
	Irradiation	Non irradiated
Total Plate Count	≤1000cfu/g	≤10000cfu/g USP34 <61>
Yeast & Mold	≤100cfu/g	≤1000cfu/g USP34 <61>
E.Coli.	Negative	Negative USP34 <62>
Salmonella	Negative	Negative USP34 <62>
Packing&Storage		
	Packed in paper-drums and two plastic-bags inside. N.W:25kgs	
	Store in a well-closed container. Away from moisture, light, oxygen.	
Shelf life		
	18months under the conditions above and in its original packaging.	
Remarks		
	Non-GMO, Non-Allergen	



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