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Specification Sheet

Lycopene Oil 5% HPLC

ITEMS	SPECIFICATION	METHOD
Physical&Chemical Data		
Color	Dark Red	Organoleptic
Odor	Characteristic	Organoleptic
Appearance	Oily Liquid	Organoleptic
Analytical Quality		
Identification	Identical to <i>R.S.</i> sample	HPTLC
Lycopene	≥5.0%	HPLC
Loss on Drying	≤5.0%	Eur.Ph.7.0 [2.8.17]
Total Ash	≤5.0%	Eur.Ph.7.0 [2.4.16]
Contaminants		
Lead (Pb)	≤3.0 mg/kg	Eur.Ph.7.0<2.2.58>ICP-MS
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)	≤0.1 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	≤1000 cfu/g	≤10000 cfu/g USP34 <61>
Yeast & Mold	≤100 cfu/g	≤1000 cfu/g USP34 <61>
E.Coli.	Negative	Negative USP34 <62>
Salmonella	Negative	Negative USP34 <62>
Packing&Storage		
	Packed in aluminum cans or aluminum foil bags. N.W:5 or 10kgs Store in a well-closed container. Away from moisture, light, oxygen.	
Shelf life	24 months under the conditions above and in its original packaging.	
Remarks	Non-GMO, Non-Allergen	