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## Specification Sheet

### Lycopene Powder 98% HPLC

ITEMS	SPECIFICATION	METHOD	
<b>Physical&amp;Chemical Data</b>			
Color	Dark Red	Organoleptic	
Odor	Characteristic	Organoleptic	
Appearance	Fine Powder	Organoleptic	
<b>Analytical Quality</b>			
Identification	Identical to <i>R.S.</i> sample	HPTLC	
Lycopene	≥98.0%	HPLC	
Sieve analysis	100% through 80 mesh	USP34<786>	
Loss on Drying	≤5.0%	Eur.Ph.7.0 [2.8.17]	
Total Ash	≤5.0%	Eur.Ph.7.0 [2.4.16]	
<b>Contaminants</b>			
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	
<b>Microbiological</b>			
	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>
<b>Packing&amp;Storage</b>			
	Packed in paper-drums and two plastic-bags inside. N.W:25kgs		
	Store in a well-closed container.		
	Away from moisture, light, oxygen.		
<b>Shelf life</b>	24 months under the conditions above and in its original packaging.		
<b>Remarks</b>	Non-GMO, Non-Allergen		