



**TECHNICAL DATA SHEET**

Product code	030445
Product	Lycopene Powder
Specification	≥20.0%, HPLC
Part used	Tomato peel
Botanical source	<i>Lycopersicon esculentum L.</i>
Carrier	Maltodextrin 30%-35%

Items	Specification	Methods
<b>Physical &amp; chemical</b>		
Color	Dark red	Organoleptic
Odor	Characteristic	Organoleptic
Appearance	Fine powder	Organoleptic
<b>Analytical quality</b>		
Identification	Identical to R.S. sample	HPTLC
Sieve analysis	95% through 80 mesh	Screen
Loss on drying	≤6.0%	5g/105°C/2hrs
Residue on Ignition	≤1.0%	3g/550°C/4hrs
Lycopene	≥20.0%	HPLC
<b>Contaminants</b>		
Lead (Pb)	≤1.0mg/kg	ICP-MS
Arsenic (As)	≤1.0mg/kg	ICP-MS
Cadmium (Cd)	≤1.0mg/kg	ICP-MS
Mercury (Hg)	≤0.1mg/kg	ICP-MS
N-hexane	≤50 mg/kg	Gas chromatograph
<b>Microbiological</b>		
Total plate count	≤1000cfu/g	Plate counting
Yeast & mold	≤100cfu/g	Plate counting
E. Coli.	≤3.0MPN/g	Counting MPN method

Net weight: 25kgs/Drum

Gross weight: 27.5Kgs±0.5kg/Drum

24 months under 30°C in a well-closed container and away from moisture, light, oxygen.