

	PR	ODUCT SPE	CIFICATIO	N		
INCI/Botanical Name	LYCOPERSICO	LYCOPERSICON ESCULENTUM			Tomato Extract	
Parts of Plant	Fruit			rd		
Extraction solvent					Maltodextrin	
Color Shade	Dark Red	Dark Red				
Batch Size	200kg				July- 2027	
Origin		India/China			90131-63-8	
HSN Code	12099160			: Food/Pharmaceutical/Cosmetology		
TEST		SPECIF	ICATION		METHOD	
A. Physical Parameters	:					
Appearance	Free	Free flowing powder		Visual	Visual	
Color		Dark-Red Crystal		Organole	ptic	
Odor	Characteristics			Organole	1	
Taste		racteristics		Organole		
Loss On Drying	NM	T6.0%w/w		5g/105°C		
N-hexane		T50mg/kg			matography	
B. Active Ingredients:		5 6			<u> </u>	
Lycopene Content		5.0% - 90.0%w/w		HPLC	HPLC	
C. Heavy Metals				·		
Lead (PB)	NM	NMT 1.0mg/kg		ICP MS	ICP MS	
Arsenic (AS)	NM	T 1.0mg/kg		ICP MS	700	
Cadmium (CD)		T 0.1mg/kg	/. \ I D	ICP MS		
Mercury (Hg)		T 1.0mg/kg	// \ \ \ \ .	ICP MS		
D. Microbiological Test				11/41		
Total Plate Count		T 1000 cfu/g		Plate Cou	Plate Counting	
Total Yeast & Mold Count	NM	T 100 cfu/g		Plate Cou	Plate Counting	
Coli- Group		T 3.0 MNP/g	Counting MPN Method		MPN Method	
E. Other:						
Standard Packing: 25 Kg in sing	le HDPE Container.					
The material is free from Allerger						
The material is not tested on anin	nals.					
The material is non-irradiated & 1						
The above material complies with					I V A V VI	
Store in a cool and dry place awa	y from sunlight and h	eat. The preferred st	orage is below 30° C			

Analysis by Approved by





















	PF	RODUCT SPECI	FICATION			
INCI/Botanical Name	LYCOPERSI	LYCOPERSICON ESCULENTUM		ame	Tomato Extract(Oil)	
Parts of Plant	Fruit			Standard		
Extraction solvent			Carrier		Maltodextrin	
Color Shade	Dark Red (Crystal Powder	Color Code			
Batch Size	1200kg	erystarr o waer	Expiry		July- 2027	
					90131-63-8	
Origin		India/China		0 II F 1/D1		
HSN Code	12099160		- 11	& Uses: Food/Pl	harmaceuticals/Cosmetole	
TEST		SPECIFIC	CATION		METHOD	
A. Physical Parameters:						
Appearance		Free flowing powder		Visual	Visual	
Color		Dark-Red Crystal		Organoleptic	Organoleptic	
Odor		Characteristics		Organoleptic		
Taste	Characteristics			Organoleptic		
Loss On Drying	N	NMT6.0%w/w		5g/105°C/2hrs	8	
Particle Size (80 Mesh)		NMT95%w/w		Screen		
N-hexane	N	IMT50 mg/kg	Gas Chrom		natography	
B. Active Ingredients:						
Lycopene Content		NLT 10.0- 15.0 %w/w		HPLC	HPLC	
C. Heavy Metals						
Lead (PB)	N	NMT 1.0 mg/kg		ICP MS		
Arsenic (AS)		NMT 1.0 mg/kg		ICP MS		
Cadmium (CD)		NMT 0.1 mg/kg		ICP MS	ICP MS	
Mercury (Hg)	N	NMT 1.0 mg/kg		ICP MS	ICP MS	
D. Microbiological Test:			<u> </u>	111/111		
Total Plate Count	N	NMT 1000 cfu/g		Plate Counting		
Total Yeast & Mold Count		NMT 100 cfu/g		Plate Counting		
Coli- Group	N	NMT 3.0 MNP/g		Counting MPN Method		
Standard Packing: 25 Kg in single HI						
The material is free from Allergens / G						
The material is not tested on animals.						
The material is non-irradiated & not tre						
The above material complies with in-h				2/25-71		
Store in a cool and dry place away fro THE PRODUCT IS OF HERBAL ORIGIN					TAN XII	

Analysis by Approved by





















INCI/Botanical Name	LYCOPER	LYCOPERSICON ESCULENTUM		ame	Tomato Extract (Beadlets	
Parts of Plant	Fruit			andard		
Extraction solvent					Maltodextrin	
Color Shade	Reddish B	Reddish Brown				
Batch Size	2000kg		Expiry		July- 2027	
Origin	India/Chin	India/China			90131-63-8	
HSN Code	12099160		Application & Use: Food Pharm		aceuticals/Cosmetology	
TEST		SPECIFICA	ATION		METHOD	
A. Physical Parameters	•	1		'		
Appearance		Free flowing powder		Visual		
Color			Reddish Brown		Organoleptic	
Odor		Characteristics		Organoleptic	<u> </u>	
Taste		Characteristics	Organoleptio			
Loss On Drying		NMT8.0%w/w		5g/105°C/2hrs		
Particle Size (30 Mesh)		NMT100%w/w		Screen		
N-hexane		NMT50mg/kg	Gas Chromate		ography	
Residue On Ignition			NMT2.0%		3g/105°C/4hrs	
B. Active Ingredients:						
Lycopene Content		NLT 10.0%w/w				
C. Heavy Metals				'		
Lead (PB)		NMT 1.0mg/kg		ICP MS		
Arsenic (AS)		NMT 1.0mg/kg		ICP MS	//	
Cadmium (CD)		NMT 1.0mg/kg		ICP MS		
Mercury (Hg)		NMT 0.1 mg/kg	7 / 1 1	ICP MS		
D. Microbiological Test	:/					
Fotal Plate Count		NMT 1000 cfu/g		Plate Counting	Plate Counting	
Total Yeast & Mold Count		NMT 100 cfu/g		Plate Counting		
Coli- Group		NMT 3.0 MNP/g		Counting MP	Counting MPN Method	
E. Other:			3			
Standard Packing: 25 Kg in single H	DPE Container.					
The material is free from Allergens / C						
The material is not tested on animals.						
The material is non-irradiated & not to						
The above material complies with in-h	ouse specification	is.				

Analysis by Approved by

















