

PRODUCT SPECIFICATION

INCI/Botanical Name	<i>LYCOPERSICON ESCULENTUM</i>	Common Name	Tomato Extract
Parts of Plant	Fruit	Reference Standard	---
Extraction solvent	---	Carrier	Maltodextrin
Color Shade	Dark Red	Color Code	---
Batch Size	200kg	Expiry	July- 2027
Origin	India/China	CAS No	90131-63-8
HSN Code	12099160	Application & Uses: Food/Pharmaceutical/Cosmetology	

TEST	SPECIFICATION	METHOD
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A. Physical Parameters:

Appearance	Free flowing powder	Visual
Color	Dark-Red Crystal	Organoleptic
Odor	Characteristics	Organoleptic
Taste	Characteristics	Organoleptic
Loss On Drying	NMT6.0%w/w	5g/105°C/2hrs
N-hexane	NMT50mg/kg	Gas Chromatography

B. Active Ingredients:

Lycopene Content	5.0% - 90.0%w/w	HPLC
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C. Heavy Metals

Lead (PB)	NMT 1.0mg/kg	ICP MS
Arsenic (AS)	NMT 1.0mg/kg	ICP MS
Cadmium (CD)	NMT 0.1mg/kg	ICP MS
Mercury (Hg)	NMT 1.0mg/kg	ICP MS

D. Microbiological Test:

Total Plate Count	NMT 1000 cfu/g	Plate Counting
Total Yeast & Mold Count	NMT 100 cfu/g	Plate Counting
Coli- Group	NMT 3.0 MNP/g	Counting MPN Method

E. Other:

Standard Packing: 25 Kg in single HDPE Container.
The material is free from Allergens / GMO/ BSE - TSE.
The material is not tested on animals.
The material is non-irradiated & not treated with ETO.
The above material complies with in-house specifications.
Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30°C.
THE PRODUCT IS OF HERBAL ORIGIN. THERE MAY BE MINOR COLOR DIFFERENCE DUE TO GEOGRAPHICAL AND SEASONAL VARIATION OF THE PLANT MATERIAL

Analysis by

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PRODUCT SPECIFICATION

INCI/Botanical Name	<i>LYCOPERSICON ESCULENTUM</i>	Common Name	Tomato Extract(Oil)
Parts of Plant	Fruit	Reference Standard	---
Extraction solvent	---	Carrier	Maltodextrin
Color Shade	Dark Red Crystal Powder	Color Code	---
Batch Size	1200kg	Expiry	July- 2027
Origin	India/China	CAS.No	90131-63-8
HSN Code	12099160	Application & Uses: Food/Pharmaceuticals/Cosmetology	

TEST	SPECIFICATION	METHOD
A. Physical Parameters:		
Appearance	Free flowing powder	Visual
Color	Dark-Red Crystal	Organoleptic
Odor	Characteristics	Organoleptic
Taste	Characteristics	Organoleptic
Loss On Drying	NMT6.0%w/w	5g/105°C/2hrs
Particle Size (80 Mesh)	NMT95%w/w	Screen
N-hexane	NMT50 mg/kg	Gas Chromatography
B. Active Ingredients:		
Lycopene Content	NLT 10.0- 15.0 %w/w	HPLC
C. Heavy Metals		
Lead (PB)	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
Mercury (Hg)	NMT 1.0 mg/kg	ICP MS
D. Microbiological Test:		
Total Plate Count	NMT 1000 cfu/g	Plate Counting
Total Yeast & Mold Count	NMT 100 cfu/g	Plate Counting
Coli- Group	NMT 3.0 MNP/g	Counting MPN Method
E. Other:		
Standard Packing: 25 Kg in single HDPE Container.		
The material is free from Allergens / GMO/ BSE - TSE.		
The material is not tested on animals.		
The material is non-irradiated & not treated with ETO.		
The above material complies with in-house specifications.		
Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30 ⁰ C.		
THE PRODUCT IS OF HERBAL ORIGIN. THERE MAY BE MINOR COLOR DIFFERENCE DUE TO GEOGRAPHICAL AND SEASONAL VARIATION OF THE PLANT MATERIAL		

Analysis by

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PRODUCT SPECIFICATION

INCI/Botanical Name	<i>LYCOPERSICON ESCULENTUM</i>	Common Name	Tomato Extract (Beadlets)
Parts of Plant	Fruit	Reference Standard	---
Extraction solvent	---	Carrier	Maltodextrin
Color Shade	Reddish Brown	Color Code	---
Batch Size	2000kg	Expiry	July- 2027
Origin	India/China	CAS No	90131-63-8
HSN Code	12099160	Application & Use: Food Pharmaceuticals/Cosmetology	

TEST	SPECIFICATION	METHOD
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A. Physical Parameters:

Appearance	Free flowing powder	Visual
Color	Reddish Brown	Organoleptic
Odor	Characteristics	Organoleptic
Taste	Characteristics	Organoleptic
Loss On Drying	NMT8.0%w/w	5g/105°C/2hrs
Particle Size (30 Mesh)	NMT100%w/w	Screen
N-hexane	NMT50mg/kg	Gas Chromatography
Residue On Ignition	NMT2.0%	3g/105°C/4hrs

B. Active Ingredients:

Lycopene Content	NLT 10.0%w/w	---
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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 0.1mg/kg	ICP MS

D. Microbiological Test:

Total Plate Count	NMT 1000 cfu/g	Plate Counting
Total Yeast & Mold Count	NMT 100 cfu/g	Plate Counting
Coli- Group	NMT 3.0 MNP/g	Counting MPN Method

E. Other:

Standard Packing: 25 Kg in single HDPE Container.
The material is free from Allergens / GMO/ BSE - TSE.
The material is not tested on animals.
The material is non-irradiated & not treated with ETO.
The above material complies with in-house specifications.
Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30°C.
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