



Technical Data Sheet

Tomate P.E. 20% Lycopin Tomato P.E. 20% Lycopene

PRODUCT INFORMATION

Latin name	Lycopersicum esculentum
Part Used	Fruit
Origin	China
Extraction solvent	N-Hexane
Natural Lycopene	Approx 21%
Carrier (Maltodextrin)	Approx 79%

ITEM	SPECIFICATION	METHOD
Lycopene Assay	≥20.0%	HPLC
Appearance	Dark-red viscous Powder	Visual
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
N-Hexane	≤50ppm	GC-ECD
Benzo(a)pyrene	≤10µg/kg	HPLC

STATEMENTS

Food Quality and Safety	Approved novel food with restrictions on use according to the implementing regulation 2017/2470
Contaminants	According to Reg. (EC) 1881/2006 and amendments
Preservative	Preservative Free
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: <1,000 cfu/g, TYMC: <100 cfu/g, Coli Group: ≤3.0 MPN/g, S. Aureus: ≤50 µg/kg
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Sterilization Method	High Temperature and Pressure
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	According to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	2 years if sealed and properly stored
Reference	Oxidation protection must be ensured.

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