



Technical Data Sheet

Lycopin 90% ex Tomate P.E. (18091) **Lycopene 90% ex Tomato P.E. (18091)**

PRODUCT INFORMATION

Latin name	Lycopersicum esculentum
Part Used	Fruit
Origin	China
Composition	100% Tomato Extract
Carrier	None
Extraction solvent	N-Hexane
Process	Obtained by solvent extraction of the tomato skin
CAS	502-65-8

ITEM	SPECIFICATION	METHOD
Lycopene Assay	≥90%	HPLC
Appearance	Dark-red crystalline powder	Visual
Loss on Drying	≤ 1.0%	5g/105°C/2hrs
Residue on Ignition	≤ 1.0%	3g/550°C/4hrs
Residual solvents	≤ 290 ppm(N hexane)	GC-FID
Particle Size	≥ 95% pass 60 mesh	Screen

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Contaminants	According to Reg. (EC) 1881/2006 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <1,000 cfu/g, TYMC <100 cfu/g, E. Coli ≤ 3.0 MPN/g, Salmonella negative, Staphylococcus negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
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
MOSH / POSH / MOAH	Risk free
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 light. Oxidation protection must be
Shelf Life	2 years if sealed and properly stored
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