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DATA SHEET		Version: 11	Date: July 1 st , 2010
Product:	Lyc-O-Mato[®] 10%	Catalogue no: 400120, 400121, 400122	

Description Tomato extract containing min. 10% lycopene as well as other natural tomato phytonutrients (such as tocopherols, phytoene, phytofluene, beta-carotene, phospholipids and phytosterols) extracted from lycopene rich tomatoes and produced according to US patent No. 5,837,311 and EU patent No. 844,831.

Origin Selected, non GMO, ripe tomatoes, specially bred for high lycopene content.

Appearance & Odor Viscous, dark red liquid with characteristic odor.

Applications A source of lycopene and natural color to be used in foods, dietary supplements and in cosmetic products.

Certifications ISO 9001 and ISO 22000 (HACCP) standards, Israeli GMP regulations, non GMO, Kosher certification by the Orthodox Union (OU) and Halal certification.

Regulatory Status Generally Recognized As Safe (GRAS) and as a color additive in the United States. Approved as food color E-160d and for use in dietary supplements in EC. Approved as food colorant for use in dietary supplements and for food fortification in Japan.

Stability & Storage Store at dry place at RT in a closed original packaging for five years. The opened packaging should be reclosed, kept at 4°C in a dark place and used within short time.

Chemical & Physical Analysis		Microbial Evaluation (USP, <61>)	
Lycopene	Min. 10.0% ± 2% of the declared assay (HPLC, USP 29 NF-24 p.2357-2359)	Total plate count	Less than 1,000/g
Natural tocopherols	> 1.5%	E. Coli	Negative/g
Phytoene & phytofluene	> 1.0%	Salmonella	Negative in 10 g
β-carotene	Min 0.2% Max 0.45%	Ps. aeruginosa	Negative/g
Water	< 0.5%	Staph. aureus	Negative/g
Solvent residue	< 50 ppm ethyl acetate (Head Space Method)	Yeasts/Molds	Less than 100/g
Pesticides	Meets botanical extracts requirements (USP <561>)		
Heavy metals	< 10 ppm (USP, <231>)		
Lead	≤ 1 ppm (ICP)		
Arsenic	≤ 1 ppm (ICP)		
Mercury	≤ 0.1 ppm (DMA)		
Cadmium	≤ 1 ppm (ICP)		

Packaging 1 kg in aluminum bottle
10 & 25 kg aseptic bag in metal drum, with wide lid liner

Country of origin Israel

Ingredients Tomato extract containing lycopene