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DATA SHEET		Version : 09	Date: Dec 21 st , 2008
Product:	Lyc-O-Mato[®] 15%	Catalogue no: 400129, 400131, 400134	Page 1 of 1

Description	Tomato extract containing 15% 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	Viscous, dark red liquid.
Odor	Characteristic.
Applications	A source of lycopene and natural color to be used in food, dietary supplements and cosmetic products.
Certifications	Produced according to ISO 9001:2000 standard and Israeli GMP regulations, non GMO.
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.
Kosher	Lyc-O-Mato [®] 15% has been certified Kosher by the Orthodox Union (OU).
Halal	Lyc-O-Mato [®] 15% has been certified Halal.
Stability & Storage	Stable for five years from production date when stored in sealed original container at room temperature. Once opened, the Lyc-O-Mato [®] 15% should be kept until it is used in a closed container at 4°C.

Chemical & Physical Analysis		Microbial Evaluation	
Lycopene	> 15.0% (HPLC, USP 29 NF-24 p.2357-2359)	Total plate count	Less than 1,000/gr
Natural tocopherols	> 1.5%	Coliforms	Negative in 10 gr
Phytoene & phytofluene	> 1.0%	E. Coli	Negative in 10 gr
β-carotene	> 0.2%	Salmonella	Negative in 10 gr
Water	< 0.5%	Ps. aeruginosa	Negative in 10 gr
Solvent residue	< 50 ppm ethyl acetate (Head Space Method)	Staph. aureus	Negative in 10 gr
Pesticides	Meets botanical extracts requirements (USP 24-NF 19<561>)	Yeasts/Molds	Less than 100/gr
Heavy metals	< 10 ppm		
Lead	≤ 1 ppm		
Arsenic	≤ 1 ppm		
Mercury	≤ 0.1 ppm		
Cadmium	≤ 1 ppm		

Packaging	1 kg & 10 kg in aluminum bottle 25 kg aseptic bag in metal drum, with wide lid liner
Country of origin	Israel
Labeling	Tomato extract containing lycopene