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DATA SHEET	Version : 05	Date: Dec 21st , 2008
Product: **LycoBeads 5% VBAF**	Catalogue no: 400770,400771,400772	

Description LycoBeads 5% VBAF is a microencapsulated tablet grade free flowing powder of natural Lycopene extracted from tomatoes. All ingredients of this material are GMO free. This product does not contain gelatin. It is suitable for vegetarians.

Appearance: Dark red free flowing beadlets.

Odor: Characteristic.

Application: Tablets and hard shell capsules. It may be used in functional and nutraceutical products.

Certifications: Produced according to ISO 9001:2000 standard and Israeli GMP regulations.

Regulation: All ingredients are food-grade materials approved by USA FDA, European and Israeli Authorities. All ingredients are GMO free. This product does not contain animal based materials and is suitable for vegetarians.

Kosher: LycoBeads 5% VBAF has been certified Kosher by the Orthodox Union.

Halal: LycoBeads 5% VBAF has been certified Halal.

Stability and Storage: Upon storage in a dry place at room temperature in its original sealed container, this product will keep its properties for at least two years. It is recommended to store the sealed containers at 4°C in the dark for optimum stability. The opened containers should be used within a short time.

Chemical & Physical Analysis			Microbial Evaluation	
Natural Lycopene content:	5.0% (min)	(HPLC Method)	Total plate count	Less than 1,000/gr
Particle Size	150-425 microns (100-40 mesh) (min. 70%)		Yeasts/Molds	Less than 100/gr
Loss on drying	10% (max)		E. Coli	Absent in 10 gr
Bulk Density	0.7 g/ml		Salmonella	Absent in 10 gr
Heavy metals	< 10 ppm (USP Method)		(According to USP Method)	
• Lead	≤ 5 ppm			
• Arsenic	≤ 2 ppm			
• Hg	≤ 0.1 ppm			
• Cadmium	≤ 1 ppm			

Packaging: Packed in 1, 5 or 25 kg in aluminum/polyethylene laminate bags under N_2 in cardboard boxes.

Country of origin: Israel

Ingredients: Lycopene from tomato, Alginate, Arabic gum, Pea starch