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DATA SHEET	Version : 04	Date: August 3rd , 2009
Product: **LycoBeads 20% VBAF**	Catalogue no: 400775, 400776, 400777	

Description LycoBeads 20% 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 20% VBAF has been certified Kosher by the Orthodox Union.

Halal: LycoBeads 20% 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 4ºC in the dark for optimum stability. The opened containers should be used within a short time.

Chemical & Physical Analysis		Microbial Evaluation	
Natural Lycopene content	20% (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	<3 ppm		
• Arsenic	< 1 ppm		
• Hg	<1 ppm		
• Cadmium	< 1 ppm		

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

Country of origin: Israel

Ingredients: Lycopene from tomatoes, Tomato lipids, Alginate, Pea protein, Pea starch.