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DATA SHEET		Version : 11	Date: Dec 21st , 08
Product:	**Lyc-O-Zea 10% VB**	Catalogue no: 400720, 400722	Page 1 of 1

Description: Lyc-O-Zea 10% VB is a microencapsulated tablet grade free flowing powder of natural Zeaxanthin Dipalmitate. The Zeaxanthin Dipalmitate is a natural extract from selected, GMO free, lyceum Chinese mild (wolfberries).This product does not contain gelatin. It is suitable for vegetarians.

Appearance: Dark red free flowing beadlets powder

Odor: Characteristic

Application: Tablets and hard shell capsules. It may also be used in functional food 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. The soy protein is GMO free by IP (Identity Preserved). This product does not contain animal based materials and is suitable for vegetarians.

Kosher: Lyc-O-Zea 10% VB has been certified Kosher by the Orthodox Union

Halal: Lyc-O-Zea 10% VB 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**	
Zeaxanthine Dipalmitate content:	10.0% (min) (Spectrophotometric Method)	Total plate count	Less than 1,000/gr
Free Zeaxanthine equivalent	5.0% (min)	Yeasts/Molds	Less than 100/gr
Particle Size	150-425 microns (100-40 mesh) (min. 70%)	E. Coli	Absent in 10 gr
Loss on drying	10% (max)	Salmonella	Absent in 10 gr
Bulk Density	0.7 g/ml	(According to USP Method)	
Heavy metals	< 10 ppm (USP Method)		
• Lead	≤ 5 ppm		
• Arsenic	≤ 2 ppm		
• Hg	≤ 0.1 ppm		
• Cadmium	≤ 1 ppm		

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

Country of origin: Israel

Ingredients: Zeaxanthin Dipalmitate, alginate, soy protein (GMO Free by IP), pea starch, ascorbyl palmitate, tocopherols