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DATA SHEET		Version : 07	Date: Dec 21st , 2008
Product:	**Lyc-O-Asta 2% VB**	Catalogue no: 40605, 40606, 40607	Page: 1 of 1

Description: Lyc-O-Asta 2% VB is a microencapsulated product of natural Astaxanthin from algae. This product does not contain gelatin. It is a tablet grade, free flowing beadlets.

Appearance: Dark red free flowing beadlets

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, non GMO.

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 Preservation). This product is suitable for vegetarians.

Kosher: Lyc-O-Asta 2% VB has been certified Kosher by the Orthodox Union.

Halal: Lyc-O-Asta 2% VB has been certified Halal.

Stability and Storage: Upon storage in a dry place at a temperature of 25°C (or below) in its original sealed container this product will keep its properties for at least two years. After opening the original container, the product should be stored in a dry place, closed well and used within a short time.

Chemical & Physical Analysis

Astaxanthin content	2.0% (min) (Spectrophotometric Method)
Particle Size	150-425 microns (100-40 mesh) (min. 70%)
Loss on drying	10% (max)
Bulk Density	0.7 g/ml
Heavy metals	< 10 ppm (USP Method)
• Lead	≤ 5 ppm
• Arsenic	≤ 2 ppm
• Hg	≤ 0.1 ppm
• Cadmium	≤ 1 ppm

Microbial Evaluation

Total plate count	Less than 1,000/gr
Yeasts/Molds	Less than 100/gr
E. Coli	Absent in 10 gr
Salmonella	Absent in 10 gr

(According to USP Method)

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

Country of origin: Israel

Ingredients: Astaxanthin extract from algae, alginate, soy protein (IP for GMO Free), ascorbyl palmitate, dl-alpha tocopherol, Hydroxypropyl cellulose.