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## Specification Sheet

### ZEAXANTHIN OIL 20%

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
ZE20ML	2680	127-40-2	December 8, 2011	LR/SW	Original	CDS

<b>CHARACTERISTICS:</b>	100% natural concentrate of free zeaxanthin from marigold flowers ( <i>Tagetes erecta</i> ). Brilliant orange-red emulsion of Zeaxanthin in vegetable oil with natural antioxidants. Standard oil is safflower, others available upon request. Appearance: Orange-red oil
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<b>SPECIFICATIONS:</b>	Zeaxanthin	Not less than 17%
	Physical	
	Bulk density	Not less than 0.8 g/ml
	Particle size	180 microns max
	Chemical	
	Propylene glycol	0 ppm
	ETQ	0 ppm
	Heavy metals	10 ppm max
	Cadmium, lead and arsenic	Available only by request
	Microbiological	
	Total plate count	Not more than 1,000 cfu/g
	Coliforms	10 cfu/g max
	Escherichia coli	Absent/10 g
	Salmonella	Absent/25 g
	Yeast and mold	50 cfu/g max
Staphylococcus aureus	Absent/10 g	

<b>PACKAGING:</b>	25 kg, 5 kg and 1 kg aluminum foil, plastic lined, heat sealed bags
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<b>APPLICATIONS:</b>	Nutritional supplements (liquid preparations, gel capsules) beverages, cosmetics.
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<b>SHELF LIFE AND STORAGE INSTRUCTIONS:</b>	Product expiration date is one year from date of issuance of CoA. Material is sensitive to oxygen, heat, light and moisture. Store in original un-opened container at or below 21 °C.
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<b>OTHER:</b>	GMP, HACCP, ISO 9001:200, ISO 22000:2005, Kosher, GMO free, Allergen free, Non-irradiated and not chemically treated for sanitation.
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