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Specification Sheet

ZEAXANTHIN MC 5% TG – BOVINE GELATIN

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
ZE5PMB	2680	144-68-3	December 8, 2011	LR/SW	Original	CDS

CHARACTERISTICS:	Purified free Zeaxanthin from marigold flowers (<i>Tagetes erecta</i>), microencapsulated in a tablet grade formulation. Brilliant orange free flowing granular flakes of zeaxanthin with natural carriers including bovine gelatin and antioxidants. Appearance: Orange flakes
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SPECIFICATIONS:	Zeaxanthin	5% min
	Physical	
	Bulk density	0.7 g/ml max
	Particle size	
	Thru 20 mesh	100%
	Thru 80 mesh	5% max
	Loss on drying	8% max
	Heavy metals	10 ppm max
	Cadmium, arsenic and mercury	Available upon request
	Microbiological	
	Total plate count	1,000 cfu/g max
	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	

PACKAGING:	25 kg, 5 kg and 1 kg aluminum foil, plastic lined, heat sealed bags
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APPLICATIONS:	Nutritional supplements (2-piece hard-shell capsules and directly compressed tablets), beverages, cosmetics.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Product expiration date is one year from date of issuance of the CoA. Material is sensitive to oxygen, heat, light and moisture. Store in original un-opened container at or below 15 °C.
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OTHER:	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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