



135 Newbury Street, Framingham, MA 01701

(800) 238-0001 (508) 270-1800 FAX (508) 872-1566

Website: www.aicma.com Email: info@aicma.com

## Specification Sheet

### ZEAXANTHIN MC 5% CWD

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
ZE5PMC	2680	144-68-3	December 19, 2011	LR/SW	Original	CDS

<b>CHARACTERISTICS:</b>	Purified, cold water dispersible (above 21°C), free Zeaxanthin from marigold flowers ( <i>Tagetes erecta</i> ). Brilliant orange free flowing granular flakes of zeaxanthin with natural carriers. Appearance: Orange flakes
-------------------------	---

<b>SPECIFICATIONS:</b>	Zeaxanthin	5% min
	Physical	
	Bulk density	0.7 g/ml max
	Particle size	
	Thru 30 mesh	100%
	Thru 60 mesh	20% min
	Loss on drying	8% max
	Water solubility	
	T1	7 seconds max
	T2	21 seconds max
	T3	35 seconds max
	Heavy metals	10 ppm max
	Cadmium, arsenic and mercury	Available only by 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

<b>PACKAGING:</b>	25 kg, 5 kg and 1 kg aluminum foil, plastic lined, heat sealed bags
-------------------	---

<b>APPLICATIONS:</b>	Liquid nutritional supplements (liquid preparations, powder beverage mixes), beverages, cosmetics.
----------------------	--

<b>SHELF LIFE AND STORAGE INSTRUCTIONS:</b>	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.
---	---

<b>OTHER:</b>	GMP, HACCP, ISO 9001:200, ISO 22000:2005, Kosher, GMO free, Allergen free, Non-irradiated and not chemically treated for sanitation.
---------------	--