



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

VITAMIN A PALMITATE 250 CWS

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
VAPPIP	2665	79-81-2	February 23, 2011	LR	No. 2	MPR

CHARACTERISTICS:	A light yellow free flowing powder with little to no odor, which is cold water dispersible. It contains dl- α -tocopherol, sucrose, sodium ascorbate, modified food starch and 2.0% silicon dioxide.
-------------------------	---

SPECIFICATIONS:	Assay (vitamin A content)	250,000 IU/g min
	Identification	
	Vitamin A palmitate (A, B)	To pass test
	dl- α tocopherol (TLC)	To pass test
	Dispersability at 20°C	To pass test
	Loss on drying	5.0% max
	Arsenic	3 ppm max
	Lead	10 ppm max
	Mercury	1 ppm max
	Cadmium	1 ppm max
	Particle size	
	Thru 20 mesh	100%
	Thru 40 mesh	90% min
	Microbiology	
	Total bacteria count	1,000 cfu/g max
	Yeast and mold	100 cfu/g max
	Coliform bacteria	10 cfu/g max
	Escherichia coli	Absent/1 g
	Salmonella	Absent/25 g
	Enterobacteriaceae	Absent/10 g
	Staphylococcus aureus	Absent/1 g
	Pseudomonas aeruginosa	Absent/1 g
	Residual Solvents	Meets requirements

PACKAGING:	10 kg Aluminum bags; 2 x 10 kg per carton; 6 cartons per pallet
-------------------	---



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

VITAMIN A PALMITATE 250 CWS

Page 2

APPLICATIONS:	Food fortification and nutritional supplement. It disperses quickly and completely in cold water, other aqueous solutions and liquids. High concentrations give cloudy dispersions which, however, remain uniform for relatively long periods of time.
SHELF LIFE AND STORAGE INSTRUCTIONS:	Vitamin A Palmitate 250 CWS is sensitive to air, heat, light and humidity. It can be stored for about 24 months in its unopened original packaging, below 15°C. After opening it should be used within a short period of time.
OTHER:	Vitamin A Palmitate 250 CWS meets all requirements of the USP, FCC, EP, when tested according to these compendia. It is Non-GMO. Plant is HACCP, ISO 9001/14001, cGMP, Kosher (KOF-K) and Halal certified.