



American International Chemical, Inc.

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SPECIFICATION SHEET

VITAMIN A ACETATE 325 CWS

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
VAACWS	2665	122-47-9	November 5, 2010	LR	No. 1	TJK

CHARACTERISTICS:	A light yellow free flowing powder, with a faint odor. It contains 325,000 IU of Vitamin A per gram, finely dispersed in a modified food starch, colloidal silicon dioxide, sucrose and emulsifier, with dl-alpha tocopherol added as an antioxidant.
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SPECIFICATIONS:	Identification (A and B)	To pass test
	dl-alpha tocopherol (TLC)	Complies
	Dispersibility in water	Satisfactory
	Loss on drying	5.0% max
	Heavy metals	
	Arsenic	3 ppm max
	Lead	10 ppm max
	Mercury	1 ppm max
	Cadmium	1 ppm max
	Content of Vitamin A	325,000 IU/g min
	Residual solvents	Meets requirements
	Particle size (USP sieves)	
	Thru a 20 mesh	100%
	Thru a 40 mesh	90% min
	Microbiology	
	Total bacterial count	1000 cfu/g max
	Coliform bacteria	10 cfu/g max
	Escherichia coli	Absent in 1g
	Salmonella	Absent in 25g
	Yeast and mold	100 cfu/g max
Enterobacteria	Absent in 10g	
Staphylococcus aureus	Absent in 1g	
Pseudomonas aeruginosa	Absent in 1g	

PACKAGING:	10 kg Aluminum bags; 2 x 10 kg per carton; 6 cartons (20 kg/ea) per pallet
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APPLICATIONS:	For Food, Nutraceutical, and Pharmaceutical applications as a dry source for Vitamin A where cold water solubility is needed. It is soluble at room temperature.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Sensitive to air, heat, and light. Unopened original packing, below 15°C, can be stored for about 24 months. Contents should be used within a short period after opening.
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OTHER:	The product complies with the prescribed standards of quality when tested according to USP, EP, and FCC. Aka: retinyl acetate. The plant is HACCP, ISO 9001/14001, cGMP, Kosher (KOF-K) and Halal certified.
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