



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

VITAMIN A ACETATE POWDER 500

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
VAAPIP	2665	122-47-9	December 9, 2011	LR	No. 2	CDS

CHARACTERISTICS:	A light yellow free flowing sandy powder, with a faint odor. It consists of pure Vitamin A Acetate and contains BHT as an antioxidant. It also contains corn starch, bovine gelatin and sucrose.
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SPECIFICATIONS:	Identification	
	A	To pass test
	B	To pass test
	C	To pass test
	Solubility	Complies
	BHT	To pass test
	Loss on drying	5.0% max
	Related substances and degradation products	To pass test
	Heavy metals (as Lead)	10 ppm max
	Arsenic	3 ppm max
	Content of vitamin A	500,000 IU/g min
	Residual solvents	Complies with ICH requirements
	Particle size (US sieves)	
	Thru a 20 mesh	100%
	Thru a 40 mesh	90% min
	Thru a 100 mesh	15% max
	Total bacterial count @ 35°C for 48 hrs	1,000 cfu/g max
	Coliform	10 cfu/g max
	Escherichia coli	Absent
	Salmonella	Absent/25g
Yeast and mold	100 cfu/g max	

PACKAGING:	25 kg aluminum bag; 1 x 25 kg per carton; 8 cartons (25 kg/ea) per pallet 25 kg Aluminum bag; 2 x 25 kg per carton; 6 cartons (50 kg/ea) per pallet
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APPLICATIONS:	For food, nutraceutical and pharmaceutical applications as a dry source for Vitamin A. Most suitable for tablets. Better stability than CWS due to gelatin encapsulation.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Product is sensitive to air, heat, and light. It can be stored for about 24 months in its original unopened packing, below 15°C. After opening of the packing, the contents should be used within a short period.
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OTHER:	Product complies with the prescribed standards of quality when tested according to the USP, Ph Eur, and FCC. Aka: Retinyl Acetate; All Trans Vitamin A Acetate. The plant is HACCP, ISO 9001/14001, cGMP, Kosher (KOF-K) and Halal certified. Water soluble above 37°C. NOTE: Product is not Kosher as it is encapsulated in bovine gelatin.
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