



American International Chemical, Inc.

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SPECIFICATION SHEET

VITAMIN D3 500 CWS POWDER

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
VD5SIC	2965	67-97-0	July 9, 2010	LR	No. 1	TJK

CHARACTERISTICS:	Off-white to yellowish fine powder. One kg of the product contains 12.5 grams of vitamin D3 crystalline. Made from vitamin D3 40m iu (Cholecalciferol) that meets USP/EP specifications. Also contains PEG 6000, BHT, BHA; all these ingredients meet USP specifications.
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SPECIFICATIONS:	Solubility in water at 20°C	Approx. 0.15% w/v
	Identification (Vitamin D3)	To pass test
	Loss on drying	1% max
	Assay (as Vitamin D3)	500,000-550,000IU/g
	Particle size	
	Thru an 18 mesh	100%
	Thru a 36 mesh	90% min
	Thru a 100 mesh	40% min
	Microbial limits	
	Total microbial count	100cfu/g max
	Yeast and molds	10cfu/g max
	Escherichia coli	Absent
	Salmonella	Absent

PACKAGING:	1 kg in Jerry can/PET bottle lined inside with 2 LDPE bags 5 kg, 10 kg and 25 kg HDPE drum lined inside with 2 LDPE bags
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APPLICATIONS:	Vitamin D3 supplement for applications in which it has to be soluble in cold water. Approximately 1-1.5 grams/liter is soluble in water and gives a clear solution
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STORAGE INSTRUCTIONS AND SHELF LIFE:	These items are stabilized; hence, the potency of the vitamin is retained for much longer periods. The product can be stored in recommended storage conditions without nitrogen flushing at approximately 20° C in a dry area away from the sunlight. Shelf life is a minimum 30 months, if kept in original unopened container, in a temperate dry warehouse.
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OTHER:	ISO 9001:2000 certified, State Drug License and follows cGMP The source of the vitamin D3 is from sheep wool from New Zealand and Australia, which is Non-GMO and TSE-BSE Free. Kosher certified: Star K
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