



American International Chemical, Inc.

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SPECIFICATION SHEET

VITAMIN D2 100IU CWS

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
VD2PIC	2665	50-14-6	January 26, 2010	MDS	Original	TJK

CHARACTERISTICS:	Free flowing yellowish white to pale yellow powder. Stabilized with dl-alpha tocopherol used as an antioxidant. It is a proprietary blend of corn oil, dl-alpha tocopherol, modified food starch, colloidal silicon dioxide, sucrose, and emulsifier. It contains 100,000 iu of Vitamin D2 per gram.
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SPECIFICATIONS:	Identification	
	A) Vitamin D2	Pass test
	B) dl- α -tocopherol	Past test
	Loss on drying	5.0% max
	Arsenic	3.0 ppm max
	Lead	10 ppm max
	Mercury	1 ppm max
	Cadmium	1 ppm max
	Vitamin D2 Potency (Vitamin D2 plus Pre-vitamin D2)	100,000 iu/g min
	Powder fineness	
	Thru No. 20 (USP Standard sieve)	100%
	Thru No. 40 (USP Standard sieve)	90% min
	Microbiological purity	
	Total bacteria count	1000 cfu/g max
	Yeasts and molds	100 cfu/g max
	Salmonella spp	Absent in 25 g
	Coliform bacteria	10 cfu/g max
	Escherichia coli	Absent in 1 g
Staphylococcus aureus	Absent in 1 g	
Pseudomonas aeruginosa	Absent in 1 g	
Enterobacteriaceae	Absent in 10 g	

PACKAGING:	10 kg aluminum container 2x10 kg packed in one carton
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APPLICATIONS:	Food additive, active substance in vitamin preparations. Made for products that require Cold Water Solubility (dispersibility)
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SHELF LIFE AND STORAGE INSTRUCTIONS (if applicable):	Vitamin D2 100 CWS is sensitive to air, heat, light and humidity. In unopened original packing below 15°C, it can be stored for about 18 months. After opening of the packing, the contents should be used within a short period.
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OTHER:	The active ingredient (Ergocalciferol) used in the product complies with the pre-prescribed standards of quality as per the USP, Ph Eur, and FCC. It is Non-GMO. BSE/TSE Free. The plant is HACCP, ISO 9001/14001, cGMP, Kosher (KofK-K) and Halal certified.
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