



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### VITAMIN K2, MK-4, 1% BEADLETS (Menaquinone-4, 1% Beadlets)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
K24AUB	1439	11032-49-8	September 23, 2010	LR	Original	MPR

<b>CHARACTERISTICS:</b>	Pale yellow beadlet that is cold water dispersible, odorless and tasteless, with white spots of food starch, as well as gum acacia. Product passes 100% through 20 mesh, 85% min through 40 mesh and 15% max through 100 mesh.
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<b>SPECIFICATIONS:</b>	Identification	Meets requirements
	Assay (as C <sub>31</sub> H <sub>40</sub> O <sub>2</sub> )	1.0% min
	Loss on drying	8.0% max
	Heavy metals	20 ppm max
	Arsenic	3.0 ppm max
	Microbiology	
	Total plate count	1,000 cfu/g max
	Yeast and mold	100 cfu/g max
	Esterichia coli	Not detected
	Salmonella	Not detected
Staphylococcus aureus	Not detected	

<b>MOLECULAR FORMULA:</b>	C <sub>31</sub> H <sub>40</sub> O <sub>2</sub>
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<b>MOLECULAR WEIGHT:</b>	444.65
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<b>STOCKING POINTS:</b>	Bridgeport, CT
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<b>PACKAGING:</b>	5 kg aluminum bag
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<b>APPLICATIONS:</b>	Use when cold water dispersible form is required for food and beverage fortification as well as nutritional supplements.
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<b>SHELF LIFE AND STORAGE INSTRUCTIONS:</b>	Shelf life is 2 years from date of manufacture in original, unopened packaging stored under proper conditions.
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<b>OTHER:</b>	Manufactured in an FDA registered food facility, and Star K Kosher Certified.
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