



American International Chemical, Inc.

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SPECIFICATION SHEET

CHOLINE DL-BITARTRATE FCC IV*

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CBTASP	1358	132215-92-0	February 3, 2011	MC	No. 5	TJK

CHARACTERISTICS:	<p>A white odorless, hygroscopic crystalline powder having an acetic taste. Soluble in water and slightly soluble in alcohol. Made from Synthetic DL-Tartaric Acid. Typical particle size is about 60 mesh.</p> <p>* Choline Bitartrate FCC IV coated with ~1% Silicon Dioxide, Pharmaceutical Grade</p> <ul style="list-style-type: none">• Contains ~41% Choline
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SPECIFICATIONS:	Identification	
	A, B, C	To pass test
	Assay	98.0% min
		96.5% min with silicon dioxide
	1,4 Dioxane	To pass test
	Heavy metals	10 ppm max
	Residue on ignition (without SD)	0.1% max
	Silicon dioxide	Between 0.5 and 1.5%
	Water	0.5% max
	Total aerobic count*	Less than 1000 cfu/g
	Yeast and molds*	Less than 100 cfu/g
	Total coliform*	Less than 10 cfu/g
	E.coli*	Negative/10 g
	Salmonella*	Negative/25 g
	Staphylococcus aureus*	Negative/10 g
* Microbial testing based on quarterly representative samples		

PACKAGING:	25 kg fiber drums with 2 PE liners inside and three sachets of silica gel between each bag to avoid moisture. 16 drums per pallet = 400 kgs; 20 pallets per container = 8,000 kgs
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APPLICATIONS:	Nutritional supplements in human foods and animal feeds
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OTHER:	<p>Kosher certified, manufactured by a GMP compliant and ISO certified company. Store in a controlled environment, if possible. Material is hygroscopic. Do not leave drum open.</p> <p>The Food and Drug Administration has authorized a nutrient content claim for Choline. Food and supplements with 55 mg or more of Choline cation per portion can be labeled "a good source of Choline" and those with 110 mg "an excellent source of Choline." A copy of this document Nutrient Content Claims Notification for Choline - Containing Foods by the FDA is available. Please contact your AIC sales representative.</p>
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