



American International Chemical, Inc.

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SPECIFICATION SHEET

SODIUM ALGINATE NF

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
SALMUP	2545	9005-38-3	March 19, 2010	DGC	No. 3	CDS

CHARACTERISTICS:	Sodium Alginate is the purified carbohydrate product extracted from brown seaweeds by the use of dilute alkali. It consists chiefly of the sodium salt of alginic acid, a polyuronic acid composed of β -d-mannuronic acid residues linked so that the carboxyl group of each unit is free while the aldehyde group is shielded by a glycosidic linkage.
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SPECIFICATIONS:	Identification	To pass test
	Assay	90.8 %-106.0 %
	Loss on drying	15.0 % max
	Ash	18.0%-27.0%
	Arsenic	1.5 ppm max
	Lead	0.001% max
	Heavy metals	0.004% max
	Viscosity	
	Brookfield LVT; 30 RPM; Spindle #1 at 20°C	50 \pm 10 cps
	Microbial limits	
	Total bacterial count	200/g max
	Salmonella	Negative
	Escherichia coli	Negative

PACKAGING:	25 kg fiber drums with polyethylene liner, other packaging options available.
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APPLICATIONS:	Variety of oral and topical pharmaceutical formulations. Antacid formulations. In tablet formulation as binder and disintegrant. Also, used in cosmetic and food products.
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OTHER: SHIPPING/STORAGE	Bulk material should be stored in an air-tight container in a cool, dry, place. Protect from excessive temperatures.
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