



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### SODIUM ALGINATE NF (F-200)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved
SAHMUP	2545	9005-38-3	July 7, 2010	DGC	No. 1	MPR

<b>CHARACTERISTICS:</b>	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 $\beta$ -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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<b>SPECIFICATIONS:</b>	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	500 cps min at 1%
	Microbial limits	
	Total bacterial count	200/g max
	Salmonella	Negative
	Escherichia coli	Negative

<b>PACKAGING:</b>	25 kg fiber drums with polyethylene liner, other packaging options available.
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<b>APPLICATIONS:</b>	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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<b>OTHER: SIPPING/STORAGE</b>	The bulk material should be stored in an air tight container in a cool, dry, place. Protect from excessive temperatures.
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