



American International Chemical, Inc.

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SPECIFICATION SHEET

SODIUM CARBOXYMETHYLCELLULOSE USP FCC* WALOCEL CRT 1,000 PA 07

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
C01B7P	1532	9004-32-4	February 8, 2012	NSG	No. 7	CDS

CHARACTERISTICS:	A white to cream colored, odorless powder that is readily dispersed into water to form colloidal solutions.
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SPECIFICATIONS:	Identification	
	A, B, C, D	To pass test
	Assay	99.5% min
	pH @ 1% aqueous solution	6.5-8.0
	Loss on drying	8.0% max
	Sodium content	6.5-9.5%
	Sodium glycolate	0.40% max
	Sodium chloride	0.40% max
	Sulfated ash (residue on ignition)	20.0-33.3%
	Heavy metals	20 ppm max
	Lead	3 ppm max
	Arsenic	3 ppm max
	Cadmium	1 ppm max
	Mercury	1 ppm max
	Degree of substitution	0.65-0.80
	Viscosity, Brookfield LVT, SP 2; 30 RPM; 2% solution at 25°C (dry basis)	300-600 cps
	Residual solvents	Meets requirements
Standard plate count	1,000/g max	
Yeast and molds	100 CFU/g max	
Coliforms and salmonella	None	

PACKAGING:	25 kg PE lined multi-ply paper bags, 40 per pallet, shrink wrapped.
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APPLICATIONS:	Especially recommended in toothpaste formulations. Degree of substitution will give you a high gel strength and a tightly controlled viscosity range will give you more consistency in your final product.
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OTHER:	*Equivalent to Aqualon 7MF and 9M8F Kosher, ISO 9001, and follows cGMP guidelines. Kosher certified by Rabbinical Institute for Kashrut in Germany. Shelf life 1½ years from date of production.
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