



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### SODIUM CARBOXYMETHYLCELLULOSE USP FCC WALOCEL CRT 50,000 PA 07

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
C50B7P	1532	9004-32-4	January 6, 2012	NSG	No. 4	CDS

<b>CHARACTERISTICS:</b>	A white to cream colored odorless powder that is readily dispersed into water to form colloidal solutions.
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<b>SPECIFICATIONS:</b>	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%
	Heavy metals	20 ppm max
	Lead	2 ppm max
	Arsenic	3 ppm max
	Degree of substitution	0.70-0.80
	Viscosity, Brookfield LVT, SP 3; 30 RPM; 1.0% solution at 25°C (dry basis)	5000-9200 mPa.s
	Residual solvents	Meets requirements
	<b>OTHER SPECIFICATIONS:</b>	Sodium glycolate and sodium chloride
Sulfated ash (residue on ignition)		20.0-33.3%
Cadmium		1 ppm max
Mercury		1 ppm max
Standard plate count		1000/g max
Yeast and molds		100/g max
Coliforms, salmonella and Escherichia coli		None

<b>PACKAGING:</b>	25 kg PE lined multi-ply paper bags, 40 per pallet, shrink wrapped.
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<b>APPLICATIONS:</b>	This is very high viscous product that would develop high viscosity. Applications in dry pet foods, sauces and dressings. One of the advantages of such high viscosity is that it allows reducing the addition rate of CMC by 20-30%. Degree of substitution (07) will give you a higher gel strength.
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<b>OTHER:</b>	Kosher, ISO 9001, and follows cGMP guidelines. Kosher certified by Rabbinical Institute for Kashrut in Germany. Shelf life 1 ½ years from date of production.
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