



American International Chemical, Inc.

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SPECIFICATION SHEET

SODIUM CARBOXYMETHYLCELLULOSE USP/FCC* WALOCEL CRT 40,000 PA

| Code No. | SCN No. | CAS No. | Effective Date | Product Manager | Rev. No. | Approved By |
|----------|---------|-----------|----------------|-----------------|----------|-------------|
| C40BGP | 1532 | 9004-32-4 | March 16, 2011 | NSG | No. 6 | RVK |

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| 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 value, 1% aqueous solution | 6.5-8.0 |
| | Loss on drying | 8.0% max |
| | Sodium content | 6.5-9.5% |
| | Total salt content (dry basis) | 0.50% max |
| | Sulfated ash (residue on ignition) | 20.0-33.3% |
| | Sodium glycolate and sodium chloride content | 0.40% max |
| | Heavy metals | 10 ppm max |
| | Lead | 2 ppm max |
| | Arsenic | 3 ppm max |
| | Cadmium | 1 ppm max |
| | Mercury | 1 ppm max |
| | Degree of substitution | 0.82-0.95 |
| | Viscosity, Brookfield LVT, SP 4; 30 RPM; 1% solution at 25°C (dry basis) | 4000-5000 cps |
| | Residual solvents | Meets requirements |
| | Standard plate count | 1000/g max |
| Yeast and molds | 100/g max | |
| Coliforms and salmonella | None | |

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| PACKAGING: | 25 kg PE lined multi-ply paper bags, 40 per pallet, shrink wrapped. |
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| APPLICATIONS: | Standard grade approved in the Tortilla industry as well as for sauces, dressings and just about anything that needs thickening. This could be a good replacement for lower viscosity CMCs resulting in usage savings of 20-30%. Please note narrow viscosity range for more consistent performance. |
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| OTHER: | *Equivalent to Aqualon 7H4F and 9H4F 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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