



American International Chemical, Inc.

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SPECIFICATION SHEET

CALCIUM CITRATE GRANULAR USP FCC

| Code No. | SCN No. | CAS No. | Effective Date | Product Manager | Rev. No. | Approved By |
|----------|---------|-----------|----------------|-----------------|----------|-------------|
| CACGIG | 2998 | 5785-44-4 | April 27, 2011 | JP | No. 4 | CDS |

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| CHARACTERISTICS: | Odorless, granules that are slightly soluble in water and insoluble in alcohol. This is a 3:2, tetrahydrate. |
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| SPECIFICATIONS: | Identification | |
| | A | To pass test |
| | B | To pass test |
| | Assay | 97.5-100.5% |
| | Fluoride | 30 ppm max |
| | Heavy metals | 20 ppm max |
| | Lead | 1 ppm max |
| | Loss on drying | 10.0-13.3% |
| | Acid insoluble substances | 0.2% max |
| | Arsenic | 3 ppm max |
| | Residual solvents | Meets requirements |
| | Calcium content (on dried basis) | 23.5-24.2% |
| | (as is/tetrahydrate) | 20.4-21.8% |
| | Particle size | |
| | Thru US 20 mesh | 99% min |
| | Thru US 100 mesh | 15% max |
| | Microbial limits | |
| | Total aerobic count | 1,000/g max |
| | Total molds and yeasts | 100/g max |
| | Escherichia coli and Salmonella | Absent |

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| STOCKING POINTS: | Carson, CA; Farmingdale, NJ |
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| PACKAGING: | Various packaging combinations are available depending upon customer requirements. Standard packaging is 25 kg fiber drums with inner HMHDPE liners. |
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| APPLICATIONS: | Sequestrant, buffer, firming agent in foods. |
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| SHELF LIFE AND STORAGE INSTRUCTIONS: | Material should be re-tested against certificate of analysis three years from date of manufacture. Store in well closed container in dry location at ambient room temperature (~ 20°C) |
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| OTHER: | The manufacturing site is ISO 9000-2004, ISO 14000-2006, WHO cGMP, HACCP; Kosher, Halal certified and has achieved a COS issued by the EDQM. It is certified by NQA to the requirement of HACCP under the Codex Alimentarius. It is a member of the Global Alliance for Improved Nutrition (GAIN), and supports the UNGC, which encourages businesses worldwide to adopt sustainable and socially responsible policies. Global Calcium's plant is self powered by wind energy generating 100% of their energy needs. |
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