



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### POTASSIUM CHLORIDE ACS

| Code No. | SCN No. | CAS No.   | Effective Date | Written | Rev. No. | Approved |
|----------|---------|-----------|----------------|---------|----------|----------|
| PCLACS   | 1010    | 7447-40-7 | May 7, 2004    | SRM     | No. 2    | RVK      |

|                         |                             |
|-------------------------|-----------------------------|
| <b>CHARACTERISTICS:</b> | White, free-flowing, powder |
|-------------------------|-----------------------------|

|                           |  |              |
|---------------------------|--|--------------|
| <b>SPECIFICATIONS:</b>    | Assay                                      | 99.0-100.5%  |
|                           | pH of a 5% solution                        | 5.4-8.6      |
|                           | Insoluble matter                           | 0.005% max.  |
|                           | Iodide                                     | 0.002% max.  |
|                           | Bromide                                    | 0.01% max.   |
|                           | Chlorate and nitrate (as NO <sub>3</sub> ) | 0.003% max.  |
|                           | Phosphate                                  | 5 ppm max.   |
|                           | Sulfate                                    | 0.001% max.  |
|                           | Barium                                     | To pass test |
|                           | Heavy metals                               | 5 ppm max.   |
|                           | Iron                                       | 3 ppm max.   |
|                           | Calcium                                    | 0.002% max.  |
|                           | Magnesium                                  | 0.001% max.  |
|                           | Sodium                                     | 0.005% max.  |
| Particle size 40-200 mesh | 95% min.                                   |              |

|                         |                |
|-------------------------|----------------|
| <b>STOCKING POINTS:</b> | Midlothian, TX |
|-------------------------|----------------|

|                   |                   |
|-------------------|-------------------|
| <b>PACKAGING:</b> | 250 lb fiber drum |
|-------------------|-------------------|

|                      |  |
|----------------------|--|
| <b>APPLICATIONS:</b> | Laboratory reagent, food additive, spectroscopy. |
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