



# Strontium Chloride, 6-Hydrate Crystal

**BAKER ANALYZED<sup>®</sup> A.C.S. Reagent**  
**Low in Magnesium**

**Product No. 4036**  
**Lot No. K51596**  
**Release Date 12/29/2011**

## Certificate of Analysis

| TEST                                          | SPECIFICATION  | RESULT    |
|-----------------------------------------------|----------------|-----------|
| Meets A.C.S. Specifications                   |                |           |
| Assay (SrCl <sub>2</sub> ·6H <sub>2</sub> O)  | 99.0 - 103.0 % | 100.1 %   |
| Insoluble Matter                              | 0.005 % max.   | 0.001 %   |
| pH of 5% Solution at 25°C                     | 5.0 - 7.0      | 5.9       |
| Sulfate (SO <sub>4</sub> )                    | 0.001 % max.   | < 0.001 % |
| Barium (Ba)                                   | 0.05 % max.    | 0.005 %   |
| Calcium (Ca)                                  | 0.05 % max.    | 0.01 %    |
| <b>Trace Impurities (in ppm):</b>             |                |           |
| Heavy Metals (as Pb)                          | 5 max.         | < 3       |
| Iron (Fe)                                     | 5 max.         | < 3       |
| Magnesium (Mg)                                | 2 max.         | < 1       |
| For Laboratory, Research or Manufacturing Use |                |           |
| Country of Origin: USA                        |                |           |



Phillipsburg, NJ 9001.2008, 14001.2004  
Paris, KY 9001.2008  
Mexico City, Mexico 9001.2008  
Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003  
Selangor, Malaysia 9001.2008  
Panaji, India 9001.2008  
Gliwice, Poland 9001.2008, 17025.2005

*Richard M. Siberski*  
**Richard M. Siberski**  
Global Director of Quality Assurance

For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

Avantor<sup>™</sup> Performance Materials, Inc.

3477 Corporate Parkway • Suite #200 • Center Valley, PA 18034 • U.S.A. • Phone: 610.573.2600 • Fax: 610.573.2610