



# Aqua Solutions, Inc.

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## SPECIFICATION SHEET

### FERROUS AMMONIUM SULFATE / REAGENT ACS

|                         |  |
|-------------------------|--|
| Product Code            | F3002  |
| Chemical Name / Grade   | Ferrous Ammonium Sulfate / Reagent ACS   |
| Chemical Formula / CAS# | $\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ / CAS# 7783-85-9 |
| Appearance              | Blue green crystalline   |
| Harmonization Code      | 2833.29.2000   |

### CHEMICAL ANALYSIS / SPECIFICATIONS

| Assay                           | 98.5 – 101.5%     |
|---------------------------------|-------------------|
| Specifications                  | Minimum / Maximum |
| Insoluble Matter                | 0.01%             |
| Phosphate ( $\text{PO}_4$ )     | 0.003%            |
| Calcium (Ca)                    | 0.005%            |
| Copper (Cu)                     | 0.003%            |
| Magnesium (Mg)                  | 0.002%            |
| Manganese (Mn)                  | 0.01%             |
| Potassium (K)                   | 0.002%            |
| Sodium (Na)                     | 0.02%             |
| Zinc (Zn)                       | 0.003%            |
| Ferric ion ( $\text{Fe}^{3+}$ ) | 0.01%             |

This product is suitable for use in applications where the grade indicated above is required.

### PREPARATION DATE (MM/DD/YY)

|              |                 |
|--------------|-----------------|
| Original 0.0 | 12/30/2013: STN |
| Revision     |                 |

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.