



# Product Specifications

PRODUCT NAME: Potassium Sulfate  
Granular, ACS

CHEMICAL FORMULA: K<sub>2</sub>SO<sub>4</sub>

Product Code: 452000-90000  
F.W.: 174.2600  
CAS No: 7778-80-5  
Density: 1.00

| ITEM                                    | SPECIFICATIONS |
|-----------------------------------------|----------------|
| Assay (K <sub>2</sub> SO <sub>4</sub> ) | 99.0% min.     |
| pH of a 5% solution at 25°C             | 5.5 - 8.5      |
| Insoluble Matter                        | 0.01% max.     |
| Chloride (Cl)                           | 0.001% max.    |
| Nitrogen Compounds (as N)               | 5 ppm max.     |
| Heavy metals (by ICP-OES)               | 5 ppm max.     |
| Iron (Fe)                               | 5 ppm max.     |
| Calcium (Ca)                            | 0.01% max.     |
| Magnesium (Mg)                          | 0.005% max.    |
| Sodium (Na)                             | 0.02% max.     |

Remarks:

The above are the specifications, ranges and limits set for this product.

  
Eddy Santiago  
Quality Assurance Manager

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