

**NAME AND CODE****Potassium Sulfate ACS Crystals**

Code 2680

**CHEMICAL FORMULA** $K_2SO_4$ 

Mol. Wt. 174.26

**CAS NUMBER**

7778-80-5

**USE**

Laboratory Reagent; Nitrogen Determination

**DESCRIPTION**

White, crystals; odorless

**CHEMICAL SPECIFICATION****TESTS****SPECIFICATIONS**

Assay	99.0% minimum
Solubility	Clear/colorless
Insoluble Matter	0.01% maximum
Sodium (Na)	0.02% maximum
pH of 5% solution	5.5-8.5
Chloride (Cl)	0.001% maximum
Nitrogen Compounds (N)	5 ppm maximum
Heavy Metals (as Pb)	5 ppm maximum
Iron (Fe)	5 ppm maximum
Calcium	0.01% maximum
Magnesium	0.005% maximum

**CONTAINERS**

300 lb. fiber drums; 25 kilogram packs EU only

**STORAGE**

Store in a clean, dry warehouse in the original unopened containers.

**REVISION DATE**

12/22/05