

**NAME AND CODE****Potassium Sulfate ACS Powder**

Code 2681

CHEMICAL FORMULA K_2SO_4

Mol. Wt. 174.26

CAS NUMBER

7778-80-5

USE

Laboratory Reagent

DESCRIPTION

White, granular or powder; 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

100 kg / 220 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