

**NAME AND CODE****Sodium Sulfate Anhydrous ACS Crystals**

Code 2795

**CHEMICAL FORMULA**Na<sub>2</sub>SO<sub>4</sub>

Mol. Wt. 142.04

**CAS NUMBER**

7757-82-6

**USE**

Laboratory reagent

**DESCRIPTION**

White fine granular or powder; odorless

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

Appearance

White crystals/powder

Solubility

Clear/colorless

Loss on Ignition

0.5% maximum

Heavy Metals (as Pb)

5 ppm maximum

pH of 5% solution

5.2-9.2

Chloride (Cl)

0.001% maximum

Nitrogen Compounds (N)

5 ppm maximum

Iron (Fe)

0.001% maximum

Calcium

0.01% maximum

Magnesium

0.005% maximum

Potassium

0.01% maximum

Phosphate

0.001% maximum

Insoluble Matter

0.01% maximum

Assay (as Na<sub>2</sub>SO<sub>4</sub>)

99.0% minimum

**CONTAINERS**

300 lb. fiber drums; 25 kilogram packs EU only

**STORAGE**

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

**REVISION DATE**

1/3/06