



NAME AND CODE

**Sodium Sulfate Anhydrous ACS Powder
(nominally -200 mesh)**

Code 2792

CHEMICAL FORMULA

Na₂SO₄ 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 ₂ SO ₄)	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