

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

Code 2798

**CHEMICAL FORMULA** $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ 

Mol. Wt. 322.19

**CAS NUMBER**

7727-73-3

**USE**

Laboratory reagent

**DESCRIPTION**

Clear, translucent crystals

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

|                              |                |
|------------------------------|----------------|
| Assay                        | 99% minimum    |
| pH of 5% solution            | 5.2-9.2        |
| Insoluble Matter             | 0.01% maximum  |
| Chloride (Cl)                | 5 ppm maximum  |
| Nitrogen compounds (As N)    | 3 ppm maximum  |
| Phosphate (PO <sub>4</sub> ) | 5 ppm maximum  |
| Calcium (Ca)                 | 0.005% maximum |
| Heavy Metals (as Pb)         | 3 ppm maximum  |
| Iron (Fe)                    | 5 ppm maximum  |
| Magnesium (Mg)               | 0.003% maximum |
| Potassium (K)                | 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**

02/02/06