

**NAME AND CODE****Sodium Carbonate Anhydrous ACS Fine Granular**

Code 2750

**CHEMICAL FORMULA** $\text{Na}_2\text{CO}_3$ 

Mol. Wt. 105.99

**CAS NUMBER**

497-19-8

**USE**

Laboratory reagent

**DESCRIPTION**

White, granular

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

|                                 |                 |
|---------------------------------|-----------------|
| Appearance                      | White, granular |
| Solubility                      | Clear/colorless |
| LOH @ 285°C                     | 1.0% maximum    |
| Heavy Metals (as Pb)            | 5 ppm maximum   |
| Phosphate ( $\text{PO}_4$ )     | 0.001% maximum  |
| Chloride (Cl)                   | 0.001% maximum  |
| Calcium                         | 0.03% maximum   |
| Magnesium                       | 0.005% maximum  |
| Iron (Fe)                       | 5 ppm maximum   |
| Insoluble Matter                | 0.01% maximum   |
| Silica ( $\text{SiO}_2$ )       | 0.005% maximum  |
| Sulfur Cmpds. ( $\text{SO}_4$ ) | 0.003% maximum  |
| Potassium (K)                   | 0.005% maximum  |
| Assay (dried basis)             | 99.5 % minimum  |

**CONTAINERS**

50 kg /110 lb fiber drums; 25 kilogram packs EU only

**STORAGE**

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

**REVISION DATE**

01/19/07