

**NAME AND CODE****Sodium Carbonate Anhydrous NF/ACS Powder**

Code 2754

**CHEMICAL FORMULA**Na<sub>2</sub>CO<sub>3</sub> Mol. Wt. 105.99**CAS NUMBER**

497-19-8

**USE**

Pharmaceuticals; Laboratory reagent

**DESCRIPTION**

White, powder

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

## Identification

Test A

Passes Test

Test B

Passes Test

Appearance

White, powder

Solubility

Clear/colorless

LOH @ 285°C

1.0% maximum

Heavy Metals (as Pb)

5 ppm maximum

Phosphate (PO<sub>4</sub>)

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 (SiO<sub>2</sub>)

0.005% maximum

Sulfur Compounds (SO<sub>4</sub>)

0.003% maximum

Potassium (K)

0.005% maximum

Assay (dried basis)

99.5 – 100.5%

Water

0.5 % maximum

Residual Solvents

Conforms to NF

Microbial Test Results

Aerobic Plate Count

1000 cfu/gm maximum

Yeast &amp; Mold Count

100 cfu/gm maximum

Total Coliforms

Negative

**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**

03/05/13