

MOBTAKERAN SHIMI



PRODUCT NAME:

Sodium carbonate

PRODUCT DESCRIPTION:

Sodium carbonate, Na_2CO_3 , (also known as washing soda, soda ash and soda crystals) is the inorganic compound with the formula Na_2CO_3 and its various hydrates.

APPLICATION:

- Glass manufacture
- Water softening
- Food additive and cooking

CERTIFICATE OF ANALYSIS:

| Test | Specification | Results |
|----------------------|---------------|----------|
| Purity | 99.5 % min | 99.99 % |
| Insoluble | 0.01 % max | 0.003 % |
| Loss on Heating | 1.0 % max | 0.1 % |
| Chloride | 0.001 % max | 0.0003 % |
| Phosphate | 0.001 % max | 0.0004 % |
| Silica | 0.005 % max | 0.001 % |
| Sulfur Compounds | 0.003 % max | 0.0009 % |
| Heavy Metals (as Pb) | 0.0005 % max | 0.0003 % |
| Iron | 0.0005 % max | 0.0003 % |
| Potassium | 0.005 % max | 0.002 % |
| Calcium | 0.03 % max | 0.004 % |
| Magnesium | 0.005 % max | 0.002 % |