



# Product Specifications

PRODUCT NAME: Sodium Carbonate, Anhydrous Powder (Soda Ash), ACS

CHEMICAL FORMULA: Na<sub>2</sub>CO<sub>3</sub>

Product Code: 492000-90000  
F.W.: 105.9900  
CAS No: 497-19-8  
Density: 1.00


| ITEM   | SPECIFICATIONS |
|--|----------------|
| Assay (Na <sub>2</sub> CO <sub>3</sub> ) dried basis | 99.5% min.     |
| Chloride (Cl)  | 0.001% max.    |
| Phosphate (PO <sub>4</sub> )                         | 0.001% max.    |
| Sulfur compounds (as SO <sub>4</sub> )               | 0.003% max.    |
| Insoluble Matter                                     | 0.01% max.     |
| Loss on heating at 285C                              | 1.0% max.      |
| Heavy metals (by ICP-OES)                            | 5 ppm max.     |
| Magnesium (Mg)                                       | 0.005% max.    |
| Potassium (K)  | 0.005% max.    |
| Iron (Fe)  | 5 ppm max.     |
| Calcium (Ca)   | 0.03% max.     |
| Silica (SiO <sub>2</sub> )                           | 0.005% max.    |
| Date of Manufacture                                  | Record Actual  |
| Expiration Date                                      | Record Actual  |

**Remarks:**

The above are the specifications, ranges and limits set for this product.

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.

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Quality Assurance Manager

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