



ZUMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

Technical Data Sheet of Sodium Bicarbonate

| Sodium Bicarbonate General Information | |
|---|--|
| Chemical Formula: | NaHCO ₃ |
| Molecular Weight: | 84 |
| Cas No.: | 144-55-8 |
| Grade: | Food/feed Grade |
| Sodium Bicarbonate Properties | |
| Appearance: | White crystalline powder |
| Odor: | Odorless |
| Melting Point: | Decomposes to sodium carbonate starting at 50 °C |
| Solubility: | 9.6 g/ 100ml in water (20° C) |
| Sodium Bicarbonate Specification | |
| Test | Analysis |
| Purity | Min 99.0 % |
| Na ₂ CO ₃ | Max 1% |
| Chloride | Max 150 ppm |
| Sulfate | Max 150 ppm |
| Ammonium | Max 20 ppm |
| Na | 0.27 |
| Insoluble matter | ≤ 0.015% |
| Loss on drying (silica gel) | Max 0.25% |
| Fe ₂ O ₃ | Max 0.0014% |
| NaCl | Max 0.02% |
| Pb | ≤ 5 ppm |
| As | ≤ 3 ppm |
| Iron | ≤ 5 ppm |
| PH | Max 8.4 |

Packing

Packed : 25 kg bag in 1250 kg jumbo bag



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