



TECHNICAL DATA SHEET

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	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