



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Sodium Bicarbonate

Product: Sodium Bicarbonate
Molecular Formula: NaHCO₃
Molecular Weight: 84.01 g/mol
Cas No.: 144-55-8
Density: 2.20 g/cm³
UN No. Non-hazardous for transport
HS Code: 28363000

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Purity (NaHCO ₃)	≥99.0%	≥98.5%	99.5%
Chloride (Cl)	≤0.05%	≤0.10%	0.03%
Iron (Fe)	≤20 ppm	≤50 ppm	15 ppm
Sulfate (SO ₄)	≤0.05%	≤0.10%	0.03%
Loss on drying	≤0.25%	≤0.5%	0.2%
pH (1% solution)	8.0-8.6	8.0-9.0	8.3

Chemical Properties

Chemical Properties: White crystalline powder. Density: 2.20 g/cm³.