



Sodium Bicarbonate

[Extra Pure Grade]

GRAMICID®

Technical Data Sheet for Sodium Bicarbonate [Extra Pure Grade]

Sodium Bicarbonate or sodium hydrogen carbonate is the chemical compound with the formula NaHCO_3 . Sodium Bicarbonate is a white solid that is crystalline but often appears as a fine powder. It has a slightly salty, alkaline taste.

Chemical Analysis	w	Food Grade
Sodium Bicarbonate	%	99.67
Sodium Carbonate	%	0.3
Chloride (Cl)	ppm	33
Iron (Fe)	ppm	2
Sulphate (SO ₄)	ppm	33
Matter insoluble	ppm	63
pH	1% solution	8.2
D50	μm	170.05
D90	μm	359.06
D10	μm	55.79
Loss on Drying	%	0.004
Sodium Chloride	%	
Ferro Oxide (Fe ₂ O ₃)	%	

Physical Properties:

Physical state and appearance	Solid
Molecular Weight	84.01g/mole
pH	Not available
Specific Gravity	Density: 2.159 (Water = 1)
Solubility	96 g/L at 20 °C

Packaging:

Sodium Bicarbonate [Extra Pure Grade] is available in 30Kg and 50Kg

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