

Sodium Bicarbonate Food Grade

EINECS: 205-633-8 **CAS Number:** 144-55-8

Conforms to: E 500 (ii)

Specification:-

Purity (NaHCO ₂)	99.30 % min
Sodium Carbonate (Na ₂ CO ₃)	0.50% max
Sodium Chloride (NaCl)	0.017 % max
Ferrous Oxide (Fe ₂ O ₃)	0.0009 % max
Iron (Fe)	6 ppm max
Sulphate (SO ₄)	100 ppm max
Chloride (Cl)	50 ppm max
Matter insoluble in water	200 ppm max
pH (1% solution)	8 - 8.6

Additional Information:-

Appearance	White, colourless powder
Solution in water (1g in 20ml of water 20°C)	Clear and colourless

Typical Analysis:-

Calcium (Ca)	40 ppm max
Magnesium (Mg)	10 ppm max
Copper (Cu)	1 ppm max
Arsenic (As)	1ppm max
Lead (Pb)	2 ppm max
Mercury (Hg)	0.1 ppm max
Cadmium (Cd)	0.5 ppm max
Loss on drying	0.25 % max
Ammonium	100 ppm max

Typical Screen Analysis:-

0.250 mm over screen	14.0 %
0.125 mm over screen	44.0 %
0.125 mm under screen	42.0 %

Signed: 

Stacey Keating – Quality Coordinator