

JC PEACOCK & CO LTD – PRODUCT SPECIFICATION SHEET Page1/1

Sodium Bicarbonate Food Grade

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

Conforms to: E 500 (ii)

Specification:-

Purity (NaHCO₂) 99.30 % min Sodium Carbonate (Na₂CO₃) 0.50% max Sodium Chloride (NaCl) 0.017 % max Ferrous Oxide (Fe₂O₃₎ 0.0009 % max Iron (Fe) 6 ppm max Sulphate (SO₄) 100 ppm max Chloride (CI) 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 Clear and colourless

(1g in 20ml of water 20°C)

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 0.25 % max Loss on drying 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: S Keating

Stacey Keating - Quality Coordinator

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Important Note: The information contained in this document is given in good faith and is to the best of suppliers Knowledge correct at the date of publication, but it is for the users to satisfy themselves of the suitability of the product for their purpose.