



Specification

Product : Sodium Bicarbonate – Feed Grade (FEMAS approved)
Supplier : ETI Soda
Newport Label : Sodium Bicarbonate Feed
CAS # : 144-55-8
EINECS # : 205-633-8

Critical Parameters	Standard
NaHCO ₃ (%)	99.3 Min
Na ₂ CO ₃ (%)	0.5 Max
Chloride, (%)	0.07 Max
SO ₄ ⁻² , (%)	0.03 Max
Water insolubles, (%)	0.01 Max
Pb/ Lead (mg/kg)	0.1 Max
As/ Arsenic(mg/kg)	0.1Max
Hg/ Mercury (mg/kg)	0.1 Max
Cd / Cadmium (mg/kg)	5 max
Iron (mg/kg)	10 Max
Humidity (%)	0.05 Max
Solubility (g/100 ml water)	15.6 (60°C) 9.55 (20°C) 5.55 (0°C)
pH (1% solution)	8.0-8.6
Dioxin Properties	
Dioxins ng /kg	0.1 max
Sum of dioxins and dioxin like PCB's ng/kg	1.0 max
Other Parameters	
Bulk Density (g/cm ³)	0.75-1.15
Whiteness (%)	L*= 95 min (CIE Lab)
Appearance	Free flowing white powder
Particle size	
+75 micron, (µm) (%)	20 – 90
+45 micron, (µm) (%)	60 - 100

Newport Industries Ltd
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