

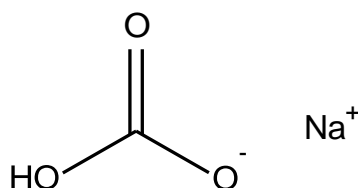
Product Specification



Product: Sodium Bicarbonate

CAS Number: 144-55-8

EINECS Number: 205-633-8



Critical Parameters	Standard
NaHCO ₃ (%)	99.3 Min
Na ₂ CO ₃ (%)	0.5 Max
Chloride, (%)	0.07 Max
Sulphate, (%)	0.03 Max
Water insolubles, (%)	0.05 Max
Pb/ Lead (ppm)	10 Max
As/ Arsenic(ppm)	2 Max
Hg/ Mercury (ppm)	0.1 Max
Cd / Cadmium (ppm)	2 Max
Fe/ 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)	0.90-1.25
Whiteness (%)	L*= 95 min (CIE Lab)
Appearance	Free flowing white powder
Particle size	
+75 micron, (µm) (%)	20 – 90
+45 micron, (µm) (%)	60 - 100

DirectChems, 05.04.2023

Statement: We guarantee the parameters listed above, all other requested additional parameters we cannot guarantee unless expressly stating such in writing and amending the standard specifications above. Test methods may vary, and unless expressly stated the method chosen, end users should make their own judgements on the usability of the material above in their end products or formulations, by requesting samples, trial orders prior to full production.

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