

Product Specification

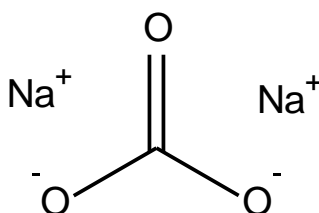


Product: Sodium Carbonate
Soda Ash Dense

CAS Number: 497-19-8

EINECS Number: 207-838-8

Molecular Formula: Na₂CO₃



Critical Parameters	Standard
Appearance	Free flowing white granular
Arsenic (As) Limit in mg/kg of Na₂CO₃	1 max
Bulk density, (kg/dm³)	0.95 - 1.15
Cadmium (Cd) Limit in mg/kg of Na₂CO₃	1 max
Chromium (Cr) Limit in mg/kg of Na₂CO₃	2 max
Insoluble Matter (Limit in mg/kg of Na₂CO₃)	200 max
Iron (Fe) Limit in mg/kg of Na₂CO₃	20 max
Lead (Pb) Limit in mg/kg of Na₂CO₃	1 max
Mercury (Hg) Limit in mg/kg of Na₂CO₃	0.1 Max
Na₂CO₃ (%)	99.5 % Min
Na₂O (%)	58.2 % Min
Na₂SO₄ (%)	0.1 % Max
NaCl (%)	0.1 % Max
Nickel (Ni) Limit in mg/kg of Na₂CO₃	2 max
Particle size distribution +150 µm, %	88 % Min (typical 90%)
Particle size distribution +600 µm, %	5 % Max
Particle size distribution -75 µm, %	5 % max
pH (1% solution)	11.4
Solubility (g/100 ml water)	45.5 at 100°C Max / 49.5 at 35.37 °C Max / 7 at 0°C Max.
Whiteness (%)	95 % min

DirectChems, 28.04.2023

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.