

Technical Datasheet

Art.-No.: 1393

Sodium carbonate anhydrous p. a., ACS, ISO, Ph. Eur. (min. 99.8 %)

Na₂CO₃

For laboratory use.

Parameter	Value
Appearance	Colourless powder
Molar mass	105.99 g/mol
Density	2.53 g/ml
Melting point	854 °C
Boiling point	1600 °C
CAS-No.	497-19-8
Aluminium (Al)	max. 0.001 %
Arsenic (As)	max. 0.00005 %
Calcium (Ca)	max. 0.005 %
Cadmium (Cd)	max. 0.0005 %
Copper (Cu)	max. 0.0005 %
Iron (Fe)	max. 0.0005 %
Potassium (K)	max. 0.005 %
Magnesium (Mg)	max. 0.0005 %
Lead (Pb)	max. 0.0005 %
Zinc (Zn)	max. 0.0005 %
Chloride (Cl)	max. 0.001 %
Sulphate (SO ₄)	max. 0.003 %
Phosphate (PO ₄)	max. 0.001 %
Silicate (SiO ₂)	max. 0.002 %
Nitrogen (N)	max. 0.001 %
Loss on drying (300 °C)	max. 0.5 %
Heavy metals (as Pb)	max. 0.0005 %
Sulphur (S)	max. 0.005 %
Insoluble matter	max. 0.01 %