



Certificate of Analysis.

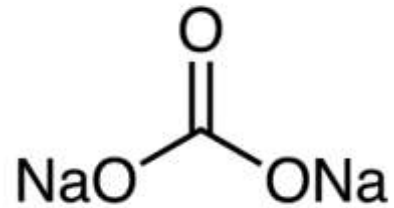
Sodium carbonate for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.

Product Code:	BS13770.
Description:	Sodium carbonate for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.
Chemical Name:	Disodium carbonate.
Pack:	25 gm.
CAS No.:	497-19-8.
Mol. Weight:	105.99 g/mol.
Mol. Formula:	Na₂CO₃.
MDL Number:	MFCD00003494.
Melting point:	851 °C.
Boiling point:	1600 °C.
Density:	2.53 g/cm³.
Solubility:	Soluble in water.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Test	Specification	Measured Values
Appearance:	White powder to crystal.	Lot specific.
Chloride (Cl):	20 ppm.	Lot specific.
Phosphate (PO ₄):	10 ppm.	Lot specific.
Silicate (as SiO ₂):	20 ppm.	Lot specific.
Total sulfur (as SO ₄):	50 ppm.	Lot specific.
Total nitrogen (N):	10 ppm.	Lot specific.
Heavy metals (as Pb):	5 ppm.	Lot specific.
Al (Aluminium):	10 ppm.	Lot specific.
Ca (Calcium):	50 ppm.	Lot specific.
Fe (Iron):	5 ppm.	Lot specific.
K (Potassium):	100 ppm.	Lot specific.
Mg (Magnesium):	5 ppm.	Lot specific.
Loss on drying (300 °C):	≤ 1.0 %	Lot specific.
Assay:	>99.9%.	Lot specific.



Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



Dr. K. Deepti.
Technical Head.

