



Certificate of Analysis.

Calcium Carbonate, AR, >99%.

Product code:	BS13871.
Description:	Calcium Carbonate, AR, >99%.
Chemical Name:	Calcium carbonate.
Pack:	500 gm.
CAS No.:	471-34-1.
Mol. Formula:	CaCO₃.
Mol. Weight:	100.09 g/mol.
MDL Number:	MFCD00010906.
Melting point:	825 °C.
Boiling point:	800 °C.
Density:	2.8 g/cm³.
Solubility:	Soluble in dilute hydrochloric acid.
Appearance:	White powder.
Storage:	Store at Ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Characteristics	Specification	Result
Chloride:	<330 ppm.	Lot specific.
Fluoride:	<50 ppm.	Lot specific.
Sulphate:	<0.25 %.	Lot specific.
Arsenic:	<3.0 ppm.	Lot specific.
Barium:	Complies.	Lot specific.
Heavy metals (as Pb):	<20 ppm.	Lot specific.
Iron:	<200 ppm.	Lot specific.
Lead:	<1.0 ppm.	Lot specific.
Cadmium:	<1.0 ppm.	Lot specific.
Mercury:	<0.5 ppm.	Lot specific.
Identification:	Complies.	Lot specific.
Magnesium and Alkali metals:	<1.0 %.	Lot specific.
Loss on drying (200 degree):	<2.0 %.	Lot specific.
Substances insoluble in acetic acid:	<0.2 %.	Lot specific.
Acid insoluble substances in HCL:	<0.2 %.	Lot specific.



Assay as CaCO ₃ :	>99%.	Lot specific.
Assay as Ca:	39.2 % - 40.2%.	Lot specific.
Organic Volatile impurities:	Meets the requirement.	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.

CaCO₃



Dr. K. Deepti.
Technical Head.

