

289 – CALCIUM CARBONATE, AR GRADE

REF NO: TBL/QA/SS/LC/289	STANDARD SPECIFICATION FOR CALCIUM CARBONATE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
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PRODUCT PROPERTIES

C.A.S Number	471-34-1
Chemical Formula	CaCO ₃
Formula weight	100.09
Functional Uses	Calcium carbonate is a naturally occurring compound used as a calcium supplement and antacid. Also used in laboratories as a buffer.
Standard Packaging	500gm, 50Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.01%
Sulphate (SO ₄)	NMT – 0.01%
Magnesium	NMT – 0.1%
Iron (Fe)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0005%
Assay	NLT – 99.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.