

264 – BARIUM CARBONATE, EXTRA PURE

REF NO: TBL/QA/SS/LC/264	STANDARD SPECIFICATION FOR BARIUM CARBONATE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 264

PRODUCT PROPERTIES

C.A.S Number	513-77-9
Chemical Formula	BaCO ₃
Formula weight	197.34
Functional Uses	Barium carbonate may be used as a precursor for the preparation of BaTiO ₃ nanoparticles, a dielectric material which is useful for manufacturing multilayer ceramic capacitors.
Standard Packaging	500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Off white color powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Lead (Pb)	NMT – 0.005%
Iron (Fe)	NMT – 0.005%
Chloride (Cl)	NMT – 0.03%
Assay	NLT – 98.5%

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