

273– BARIUM SULPHATE, EXTRA PURE

REF NO: TBL/QA/SS/LC/273	STANDARD SPECIFICATION FOR BARIUM SULPHATE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
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PRODUCT PROPERTIES

C.A.S Number	7727-43-7
Chemical Formula	BaSO ₄
Formula weight	233.40
Functional Uses	Barium sulfate may be used in the studies of Qualitative and quantitative analysis of Ba ²⁺ and SO ₄ ²⁻ ions, Preparation of sulfur dioxide and Preparation of hybrid organic-inorganic material.
Standard Packaging	500 gm, 5 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off white powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on ignition	NMT – 2.0%
Chloride (Cl)	NMT – 0.1%
Calcium (Ca)	NMT – 0.05%
Iron (Fe)	NMT – 0.005%
Heavy Metal (Pb)	NMT – 0.005%
Assay	NLT – 97.0%

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

