

2325 – STRONTIUM NITRATE (ANH.) EXTRA PURE

REF NO: TBL/QA/SS/LC/2325	STANDARD SPECIFICATION FOR STRONTIUM NITRATE (ANH.), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 02/11/2024
Issue Date: 03/11/2021		Product code: 2325

PRODUCT PROPERTIES

C.A.S Number	10042-76-9
Chemical Formula	$\text{Sr}(\text{NO}_3)_2$
Formula weight	211.63
Functional Uses	Strontium nitrate was used in the preparation of $\text{La}_{0.4}\text{Sr}_{0.5}\text{Ba}_{0.1}\text{TiO}_3$ (LSBT) precursor solution.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Granules or powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5.0% soln. at 25°C)	5.0 – 7.0
Chloride (Cl)	NMT – 0.002%
Iron (Fe)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

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

