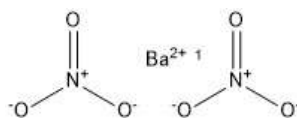


TIQ-F-QC-003

Rev.00

Technical Data Sheet**BARIUM NITRATE 99% AR**

Barium dinitrate



Product Code	O-5043	Grade	Analytical Reagent
Purity	99 %	CAS No	10022-31-8
Molecular Formula	Ba(NO ₃) ₂	Molecular Weight	261.35 g/mol
H.S.Code	2834-2930	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Melting point	592°C
Colour	White	Relative density	3,2 g/cm ³ at 20 °C
pH value	5,0 - 8,0 at 50 g/l at 25 °C	Auto ignition temperatre	> 400 °C
Solubility in water	94 g/l at 20 °C	Decomposition temperature	> 550 °C

Packaging

500 gram

Specification

Appearance	White powder or crystalline powder
Assay (complexometric)	min 99.0 %
pH (5% Solution in water ; at 25 °C)	5.0 – 8.0
Insoluble matter	max 0.01 %
Chloride (Cl)	max 0.0005 %
Heavy metals (as Pb)	max 0.0005 %
Calcium (Ca)	max 0.05 %
Iron (Fe)	max 0.0002 %
Potassium (K)	max 0.005 %
Sodium (Na)	max 0.005 %
Strontium (Sr)	max 0.1 %

Safety Information and Hazard Symbols



Symbol: GHS03, GHS07

Signal Word: danger

UN No.: 1446

IMCO Class No.: 5.1,6.1

Packing Group: II

Hazardous Statement: H272-H302+H332

Precaution Statement: P210-P220-P221-P261-P370+P378-P305-P351+P338