



Specification

Barium Nitrate ACS

Catalog Number: BN1002
CAS Number: 10022-31-8
Synonym(s): Barium dinitrate; Nitric Acid barium salt, nitrobarite
Molecular Formula: Ba(NO₃)₂
Molecular Weight: 261.35

Test	Specification
Description:	White crystalline powder
Identification:	To pass test
Assay:	≥99.0%
pH of a 5% solution:	5.0-8.0 at 25 deg. C
Insoluble matter	0.01% maximum
Chloride (Cl)	5 ppm maximum
Calcium (Ca)	0.05% maximum
Potassium (K)	0.005% maximum
Sodium (Na)	0.005% maximum
Strontium (Sr)	0.05% maximum
Heavy metals (as Pb)	5 ppm maximum
Iron (Fe)	2 ppm maximum

Approved:

Date: April 14, 2020

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