

## Barium nitrate, Hi-AR<sup>TM</sup>/ACS

**GRM351**


### Product Identifier

CAS No.	:	10022-31-8
EC No.	:	233-020-5
Molecular Formula	:	Ba(NO <sub>3</sub> ) <sub>2</sub>
Molecular Weight	:	261.34
HS Code	:	2834 29 30
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	Colourless or white crystals or powder
Solubility	:	33.3 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	5.00 - 8.00
Chloride (Cl)	:	<= 0.0005%
Calcium (Ca)	:	<= 0.05%
Copper (Cu)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0002%
Lead (Pb)	:	<= 0.0005%
Potassium (K)	:	<= 0.004%
Sodium (Na)	:	<= 0.005%
Strontium (Sr)	:	<= 0.2%
Water insoluble matter	:	<= 0.005%
Assay (EDTA Titration)	:	99.00 - 102.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H272- H302+H332- H319
Precautionary Statement(s)	:	P210- P220- P221- P261- P305+P351+P338- P370 + P378
UN No.	:	1446
Class	:	5.1 (6.1)
Packing Group	:	II
RTECS	:	CQ9625000
WGK	:	1