



# Product Specification

**Product Name: BARIUM NITRATE AR**

Alternate Name(s)

Description

White crystalline powder.

Properties

Chemical Formula:

Molecular Weight: 261.34

Product Code:

BA034

CAS No.

10022-31-8

General Information:

Hazard and Safety Data

UN Group: II  
Class: 5.1  
UN Number: 1446  
Hazchem code: 1Y  
CS MSDS Code: 1CH1B  
Poison schedule: S6  
Emergency  
Procedure Guide No.: 31

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

pH (5% in water)	5.0 - 8.0
Chloride (Cl)	≤ 0.0005%
Heavy metals (as Pb)	≤ 0.0005%
Calcium (Ca)	≤ 0.05%
Iron (Fe)	≤ 0.0002%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.005%
Strontium (Sr)	≤ 0.05%
Insoluble matter	≤ 0.01%

CONFORMS TO ACS

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