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Product Specification

Product Name:
Barium nitrate - ACS reagent, ≥99%

Product Number: 217581
CAS Number: 10022-31-8
MDL: MFCD00003442
Formula: BaN2O6
Formula Weight: 261.34 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
X-Ray Diffraction	Conforms to Structure
Insoluble matter	≤ 0.01 %
Chloride	≤ 5 ppm
pH	5.0 - 8.0
At 25°C (c= 5%, Water)	
Calcium (Ca)	≤ 0.05 %
Iron (Fe)	≤ 2 ppm
Heavy Metals	≤ 5 ppm
by ICP-OES	
Strontium (Sr)	≤ 0.1 %
Potassium (K)	≤ 0.005 %
Sodium (Na)	≤ 0.005 %
Complexometric EDTA	≥ 99.0 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.2.ZQ5.10000004381

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.