

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-01-13 15:41:02  
Date of Next Testing: 2027-01-12 15:41:02  
Product Name: **Barium nitrate**  
CAS Number: 10022-31-8  
Specifications & Purity: Analytical Reagent,99.5%  
Lot #: L2208802  
SKU #: **B111679**  
Analysis: **173439**

Parameter	Limit Values	Result
Insoluble matter in H <sub>2</sub> O	0-0.005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00050 %
Chloride (Cl <sup>-</sup> )	0-0.0005 (%)	0.00050 %
Potassium(K)	0-0.005 (%)	0.00000 %
Calcium(Ca)	0-0.02 (%)	0.00000 %
Iron(Fe)	0-0.0002 (%)	0.00020 %
Sodium(Na)	0-0.005 (%)	0.00000 %
Strontium(Sr)	0-0.03(%)	0.00000 %
PH(5% in water,25°C)	5-7	5.42000
Assay	99.5-100 (%)	99.90000 %
Appearance (B111679)	White powder or crystals	White Powder or Crystals
Clarity of solution , ≤3#	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager