

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-17 17:29:37  
Date of Next Testing: 2027-03-16 17:29:37  
Product Name: **Barium hydroxide octahydrate**  
CAS Number: 12230-71-6  
Specifications & Purity: Analytical Reagent,98%  
Lot #: B2320402  
SKU #: **B116437**  
**Analysis:** **191444**  
Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
BaCO <sub>3</sub> by HCL	0-1 (%)	0.37000 %
Strontium(Sr)	0-0.08 (%)	0.02300 %
Potassium(K)	0-0.01 (%)	0.00290 %
Chloride (Cl-)	0-0.003 (%)	0.00300 %
Calcium(Ca)	0-0.02 (%)	0.00330 %
Iron(Fe)	0-0.001 (%)	0.00100 %
Insoluble matter in HCl	0-0.005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.000000 %
Clarity test (#)	0-3	3.00000
Assay	98-100 (%)	98.33000 %
Sulfide(S <sup>2-</sup> )	0-0.0002 (%)	0.00020 %
Sodium(Na)	0-0.01 (%)	0.00310 %
Appearance (B116437)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager