

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-15 18:10:55
 Date of Next Testing: 2029-08-14 18:10:55
 Product Name: **Barium hydroxide octahydrate**
 CAS Number: 12230-71-6
 Specifications & Purity: AR, ≥98%
 Lot #: H2507211
 SKU #: **B116437**
 Version: **5**
 Analysis #: **561338**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
BaCO ₃ by HCL	0-1 (%)	0.42000 %
Strontium(Sr)	0-0.08 (%)	0.01160 %
Chloride (Cl ⁻)	0-0.003 (%)	0.00000 %
Calcium(Ca)	0-0.02 (%)	0.00400 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Insoluble matter in HCl	0-0.005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.000000 %
Clarity test (#)	0-3	0.00000
Assay	98-100 (%)	99.58000 %
Sulfide(S ²⁻)	0-0.0002 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00560 %
Sodium(Na)	0-0.01 (%)	0.01000 %
Appearance (B116437)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager