



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-09 09:58:36

Date of Next Testing: 2030-04-08 09:58:36

Product Name: **Barium hydroxide octahydrate**

CAS Number: 12230-71-6

Specifications & Purity: AR, ≥98%

Lot #: D2601529

SKU #: **B116437**

Version: **5**

Analysis #: **691145**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
BaCO ₃ by HCL	0-1 (%)	0.00000 %
Strontium(Sr)	0-0.08 (%)	0.02000 %
Potassium(K)	0-0.01 (%)	0.00270 %
Chloride (Cl ⁻)	0-0.003 (%)	0.00110 %
Calcium(Ca)	0-0.02 (%)	0.00050 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Insoluble matter in HCl	0-0.005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.000000 %
Sodium(Na)	0-0.01 (%)	0.00330 %
Assay	98-100 (%)	99.91000 %
Sulfide(S ²⁻)	0-0.0002 (%)	0.00020 %
Clarity test (#)	0-3	0.00000
Appearance (B116437)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager