

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-07-04 18:17:49
Date of Next Testing:	2029-07-03 18:17:49
Product Name:	Barium hydroxide octahydrate
CAS Number:	12230-71-6
Specifications & Purity:	AR, ≥98%
Lot #:	F2523742
SKU #	B116437
Version	5
Analysis #:	498896
Storage Temperature:	Room temperature, Desiccated

Parameter	Limit Values	Result
Strontium(Sr)	0-0.08 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00320 %
Chloride (Cl-)	0-0.003 (%)	0.00300 %
Calcium(Ca)	0-0.02 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00100 %
Insoluble matter in HCl	0-0.005 (%)	0.00000 %
Lead(Pb)	0-0.001 (%)	0.000000 %
Sodium(Na)	0-0.01 (%)	0.00330 %
Sulfide(S ²⁻)	0-0.0002 (%)	0.00000 %
BaCO ₃ by HCL	0-1 (%)	0.98000 %
Clarity test (#)	0-3	0.00000
Assay	98-100 (%)	98.02000 %
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