

Certificate of Analysis

Date of Testing: 2025-04-16 16:31:04
Date of Next Testing: 2029-04-15 16:31:04
Product Name: **Barium hydroxide octahydrate**
CAS Number: 12230-71-6
Specifications & Purity: AR, ≥98%
Lot #: D2510002
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



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager