

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-28 09:33:40
Date of Next Testing: 2029-05-27 09:33:40
Product Name: **Barium hydroxide octahydrate**
CAS Number: 12230-71-6
Specifications & Purity: ACS, ≥98%
Lot #: K2110269
SKU #: **B116439**
Version: **1**
Analysis #: **517993**
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
BaCO ₃ by HCL	0-2 (%)	1.58600 %
Insoluble in dilute HCl	0-0.01 (%)	0.00000 %
Calcium(Ca)	0-0.05 (%)	0.00055 %
Heavy metal (as Pb)	0-5 (ppm)	0.00000 ppm
Potassium(K)	0-0.01 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00031 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00020 %
Sodium(Na)	0-0.01 (%)	0.00000 %
Strontium(Sr)	0-0.8 (%)	0.00000 %
Purity(Titration by HCl)	97.5-102.5 (%)	98.90600 %
Appearance (B116439)	White Powder or Crystals	White Powder or Crystals
sulfide (S ²⁻)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager