

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-20 15:28:13
Date of Next Testing: 2029-05-19 15:28:13
Product Name: **Barium hydroxide octahydrate**
CAS Number: 12230-71-6
Specifications & Purity: Ph.Eur., Suitable for Analysis, $\geq 98\%$
Lot #: E2619604
SKU #: **B431615**
Version: **1**
Analysis #: **706197**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HCl)	97.5-102.5 (%)	98.02000 %
Carbonate (as BaCO ₃)	0-2 (%)	0.00000 %
Insoluble in dilute hydrochloric acid	0-0.01 (%)	0.00000 %
Sodium(Na)	0-0.01 (%)	0.00150 %
Calcium(Ca)	0-0.002 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00020 %
Strontium(Sr)	0-0.5 (%)	0.02000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Sulfide(S)	0-0.0005 (%)	0.00000 %
Chloride (Cl-)	0-0.001 (%)	0.00010 %
Appearance(B431615)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager