

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2026-06-25 10:43:47
Date of Next Testing:	2029-06-24 10:43:47
Product Name:	Barium hydroxide octahydrate
CAS Number:	12230-71-6
Specifications & Purity:	Ph.Eur., Suitable for Analysis, ≥98%
Lot #:	F2623286
SKU #	B431615
Version	1
Analysis #:	725204
Storage Temperature:	Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HCl)	97.5-102.5 (%)	99.80000 %
Carbonate (as BaCO ₃)	0-2 (%)	0.00000 %
Insoluble in dilute hydrochloric acid	0-0.01 (%)	0.00000 %
Sodium(Na)	0-0.01 (%)	0.00000 %
Calcium(Ca)	0-0.002 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00000 %
Strontium(Sr)	0-0.5 (%)	0.01800 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Sulfide(S)	0-0.0005 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00100 %
Appearance(B431615)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager