

Certificate of Analysis

Date of Testing: 2023-08-22 16:27:32

Date of Next Testing: 2026-08-21 16:27:32

Product Name: **Barium hydroxide octahydrate**

CAS Number: 12230-71-6

Specifications & Purity: 98% , for Analysis, ACS,ISO,Reag. Ph Eur

Lot #: H2314393

SKU #: **B431615**

Analysis: **241222**

Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Insoluble in dilute hydrochloric acid	0-0.01 (%)	0.00000 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.00 %
Calcium(Ca)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Strontium(Sr)	0-0.5 (%)	0.00 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Purity(Titration by HCl)	97.5-102.5 (%)	98.71 %
Carbonate (as BaCO ₃)	0-2 (%)	1.57000 %
Sulfide(S)	0-0.0005 (%)	0.00000 %
Appearance(B431615)	White Powder or Crystals	White Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager