

Certificate of Analysis

Date of Testing: 2023-07-05 17:26:21
Date of Next Testing: 2027-07-04 17:26:21
Product Name: **Barium hydroxide octahydrate**
CAS Number: 12230-71-6
Specifications & Purity: ACS,98%
Lot #: F2330388
SKU #: **B116439**
Analysis: **213577**
Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Insoluble in dilute HCl	0-0.01 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.00 %
Strontium(Sr)	0-0.8 (%)	0.01 %
BaCO ₃ by HCL	0-2 (%)	0.53 %
Purity(Titration by HCl)	97.5-102.5 (%)	98.86 %
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