

Certificate of Analysis

Date of Testing: 2023-03-03 17:48:44
Date of Next Testing: 2027-03-02 17:48:44
Product Name: **Barium hydroxide hydrate**
CAS Number: 40226-30-0
Specifications & Purity: 99.99% metals basis
Lot #: B2327460
SKU #: **B119116**
Analysis: **186787**

Parameter	Limit Values	Result
BaCO ₃ by HCL	0-2 (%)	0.30 %
Titration by HCL (Ba(OH) ₂ *XH ₂ O)	98-102 (%)	98.95 %
Total Metallic Impuritie	0-200 (ppm)	91.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99 %
Appearance (B119116)	White Crystals, Powder or Granules	White Crystals, Powder or Granules
ICP:Confirms Barium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager