

## Certificate of Analysis

Date of Testing: 2023-03-03 18:01:38  
Date of Next Testing: 2027-03-02 18:01:38  
Product Name: **Barium hydroxide hydrate**  
CAS Number: 40226-30-0  
Specifications & Purity: 99.99% metals basis  
Lot #: B2327461  
SKU #: **B119116**  
Analysis: **186787**

Parameter	Limit Values	Result
BaCO <sub>3</sub> by HCL	0-2 (%)	0.30 %
Titration by HCL (Ba(OH) <sub>2</sub> *XH <sub>2</sub> 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