

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-14 10:20:37  
Date of Next Testing: 2025-12-13 10:20:37  
Product Name: **Barium hydroxide monohydrate**  
CAS Number: 22326-55-2  
Specifications & Purity: 98%  
Lot #: C2006117  
SKU #: **B192147**  
**Analysis:** **167599**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-8 (%)	7.68 %
Purity(Titration by HCL)(dry basis)	97.5-102.5 (%)	97.65 %
BaCO <sub>3</sub> by HCL	0-2 (%)	1.90 %
Appearance (B192147)	White Powder, Crystals or Granular Powder	White Powder, Crystals or Granular Powder
ICP:Confirms Barium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager