

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-13 18:21:22  
Date of Next Testing: 2028-08-12 18:21:22  
Product Name: **Barium hydroxide, anhydrous**  
CAS Number: 17194-00-2  
Specifications & Purity:  $\geq 94\%$   
Lot #: H2505310  
SKU #: **B283463**  
Version: **3**  
Analysis #: **558538**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity( Ba(OH) <sub>2</sub> , Titration by HCL )	94-102.5(%)	97.60000 %
Purity( BaCO <sub>3</sub> , Titration by HCL )	$\leq 6(\%)$	0.00000 %
Loss on drying	0-2 (%)	0.00000 %
Appearance(B283463)	White to Off-White Powder, Crystals or Crystalline Powder	White to Off-White Powder, Crystals or Crystalline Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager