

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-12 16:50:35

Date of Next Testing: 2029-05-11 16:50:35

Product Name: **Barium hydroxide, anhydrous**

CAS Number: 17194-00-2

Specifications & Purity:  $\geq 94\%$

Lot #: D2630120

SKU #: **B283463**

Version: **3**

Analysis #: **705396**

Storage Temperature: Room temperature

| Parameter                            | Limit Values                                              | Result                                                    |
|--------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Purity( Ba(OH)2 , Titration by HCL ) | 94-102.5(%)                                               | 97.65000 %                                                |
| Purity( BaCO3 , Titration by HCL )   | $\leq 6(\%)$                                              | 0.00000 %                                                 |
| Loss on drying                       | 0-2 (%)                                                   | 0.03600 %                                                 |
| 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