

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-31 15:46:27

Date of Next Testing: 2029-07-30 15:46:27

Product Name: **Barium hydroxide, anhydrous**

CAS Number: 17194-00-2

Specifications & Purity:  $\geq 94\%$

Lot #: G2616352

SKU #: **B283463**

Version: **3**

Analysis #: **750332**

Storage Temperature: Room temperature

| Parameter                                        | Limit Values                                              | Result                                                    |
|--------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|
| Purity( Ba(OH) <sub>2</sub> , Titration by HCL ) | 94-102.5(%)                                               | 99.58000 %                                                |
| Purity( BaCO <sub>3</sub> , Titration by HCL )   | $\leq 6(\%)$                                              | 0.00000 %                                                 |
| Loss on drying                                   | 0-2 (%)                                                   | 0.11030 %                                                 |
| 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