

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-08 16:27:00  
 Date of Next Testing: 2029-07-07 16:27:00  
 Product Name: **Barium chloride dihydrate**  
 CAS Number: 10326-27-9  
 Specifications & Purity: GR, ≥99.5%  
 Lot #: F2525677  
 SKU #: **B111751**  
 Version: **6**  
 Analysis #: **542233**  
 Storage Temperature: Room temperature

| Parameter               | Limit Values             | Result                   |
|-------------------------|--------------------------|--------------------------|
| Strontium(Sr)           | 0-0.05 (%)               | 0.00080 %                |
| PH(5% in water,25°C)    | 5-7                      | 5.27000                  |
| Heavy metal (as Pb)     | 0-0.0002 (%)             | 0.00010 %                |
| Potassium(K)            | 0-0.005 (%)              | 0.00340 %                |
| Insoluble matter in H2O | 0-0.005 (%)              | 0.00000 %                |
| Total Nitrogen          | 0-0.001 (%)              | 0.00100 %                |
| Iron(Fe)                | 0-0.00005 (%)            | 0.00000 %                |
| Sodium(Na)              | 0-0.005 (%)              | 0.00250 %                |
| Assay                   | 99.5-100 (%)             | 99.72000 %               |
| Water by Karl Fischer   | 12-18 (%)                | 15.74550 %               |
| Calcium(Ca)             | 0-0.01 (%)               | 0.01000 %                |
| Appearance (B111751)    | White powder or crystals | White Powder or Crystals |
| Clarity of solution     | Pass                     | Pass                     |
| X-Ray Diffraction       | Conforms to Structure    | Conforms to Structure    |



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager