

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-21 11:48:50
 Date of Next Testing: 2029-08-20 11:48:50
 Product Name: **Barium chloride dihydrate**
 CAS Number: 10326-27-9
 Specifications & Purity: AR, ≥99.5%
 Lot #: H2518115
 SKU #: **B111749**
 Version: **5**
 Analysis #: **563893**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.01 (%)	0.00200 %
Total Nitrogen	0-0.002 (%)	0.00200 %
Calcium(Ca)	0-0.05 (%)	0.00360 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.01 (%)	0.00440 %
PH(5% in water, 25°C)	5-7	5.61000
Iron(Fe)	0-0.0001 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00440 %
Water by Karl Fischer	12-18 (%)	17.09490 %
Strontium(Sr)	0-0.05 (%)	0.00000 %
Assay	99.5-100 (%)	99.68000 %
Appearance (B111749)	White powder or crystals	White Powder or Crystals
Clarity of solution	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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

John Su
QA & QC Manager