

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-28 17:05:03  
Date of Next Testing: 2026-11-27 17:05:03  
Product Name: **Barium chloride dihydrate**  
CAS Number: 10326-27-9  
Specifications & Purity: ACS  
Lot #: K2222330  
SKU #: **B111752**  
Version: **0**  
Analysis #: **069545**

Parameter	Limit Values	Result
5% of the 25 °C Water PH value of PH	5.2-8.2	5.34
Iron(Fe)	0-2 (ppm)	0.00 ppm
Strontium(Sr)	0-0.1 (%)	0.00 %
Potassium(K)	0-0.0025 (%)	0.00 %
Calcium(Ca)	0-0.05 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Oxidizing substances	0-0.005 (%)	0.01 %
Purity Titration by EDTA	99-100 (%)	99.29 %
Sodium(Na)	0-0.005 (%)	0.00 %
Water by Karl Fischer	14-16 (%)	15.05 %
Insoluble matter	0-0.005 (%)	0.00 %
Appearance (B111752)	white to off-white powder,crystals,flakes or chunk	white to off-white powder,crystals,flakes or chunk
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager