

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-16 14:23:18  
Date of Next Testing: 2028-04-15 14:23:18  
Product Name: **Barium chloride dihydrate**  
CAS Number: 10326-27-9  
Specifications & Purity: ACS  
Lot #: D2415460  
SKU #: **B111752**  
Analysis: **329780**

Parameter	Limit Values	Result
Sodium(Na)	0-0.005 (%)	0.00%
5% of the 25 °C Water PH value of PH	5.2-8.2	5.20
Iron(Fe)	0-2 (ppm)	0.00 ppm
Water by Karl Fischer	14-16 (%)	14.01%
Insoluble matter	0-0.005 (%)	0.00%
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 (%)	0.00%
Purity Titration by EDTA	99-100 (%)	99.99%
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



John Su  
QA & QC Manager