

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-19 17:50:31
Date of Next Testing: 2027-02-18 17:50:31
Product Name: **Barium chloride dihydrate**
CAS Number: 10326-27-9
Specifications & Purity: ACS
Lot #: B2314287
SKU #: **B111752**
Analysis: **076605**

Parameter	Limit Values	Result
Sodium(Na)	0-0.005 (%)	0.00 %
Iron(Fe)	0-2 (ppm)	0.04 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)	0.65 ppm
Oxidizing substances	0-0.005 (%)	0.00 %
Purity Titration by EDTA	99-100 (%)	99.74 %
5% of the 25 °C Water PH value of PH	5.2-8.2	5.24
Water by Karl Fischer	14-16 (%)	15.98 %
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



John Su
QA & QC Manager