

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-12 12:02:38
 Date of Next Testing: 2028-09-11 12:02:38
 Product Name: **Barium chloride dihydrate**
 CAS Number: 10326-27-9
 Specifications & Purity: AR, ≥99.5%
 Lot #: I2402666
 SKU #: **B111749**
 Version: 5
 Analysis #: **124254**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Total Nitrogen	0-0.002 (%)	0.00040 %
Calcium(Ca)	0-0.05 (%)	0.00100 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.01 (%)	0.00100 %
PH(5% in water, 25°C)	5-7	5.63900
Iron(Fe)	0-0.0001 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00100 %
Water by Karl Fischer	12-18 (%)	15.38540 %
Strontium(Sr)	0-0.05 (%)	0.00000 %
Assay	99.5-100 (%)	99.96000 %
Appearance (B111749)	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

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager