

Certificate of Analysis

Date of Testing: 2024-05-09 15:57:50

Date of Next Testing: 2028-05-08 15:57:50

Product Name: **Barium chloride dihydrate**

CAS Number: 10326-27-9

Specifications & Purity: Analytical Reagent,99.5%

Lot #: D2424321

SKU #: **B111749**

Analysis: **334335**

Parameter	Limit Values	Result
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Total Nitrogen	0-0.002 (%)	0.00200 %
Calcium(Ca)	0-0.05 (%)	0.00390 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00050 %
Sodium(Na)	0-0.01 (%)	0.00620 %
Iron(Fe)	0-0.0001 (%)	0.00010 %
Potassium(K)	0-0.005 (%)	0.00110 %
Strontium(Sr)	0-0.05 (%)	0.00000 %
PH(5% in water,25°C)	5-7	5.42300
Water by Karl Fischer	12-18 (%)	13.09740 %
Assay	99.5-100 (%)	99.92000 %
Appearance (B111749)	White powder or crystals	White Powder or Crystals
Clarity of solution	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager