

Certificate of Analysis

Date of Testing: 2024-12-14 10:16:13

Date of Next Testing: 2028-12-13 10:16:13

Product Name: **Barium chloride dihydrate**

CAS Number: 10326-27-9

Specifications & Purity: AR, ≥99.5%

Lot #: L2410722

SKU #: **B111749**

Version: 5

Analysis #: 449462

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.01 (%)	0.00000 %
Total Nitrogen	0-0.002 (%)	0.00200 %
Calcium(Ca)	0-0.05 (%)	0.03120 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.01 (%)	0.00470 %
PH(5% in water,25°C)	5-7	5.38000
Iron(Fe)	0-0.0001 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00480 %
Water by Karl Fischer	12-18 (%)	16.30940 %
Strontium(Sr)	0-0.05 (%)	0.01000 %
Assay	99.5-100 (%)	99.83000 %
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