

Certificate of Analysis

Date of Testing: 2025-04-19 11:45:20

Date of Next Testing: 2029-04-18 11:45:20

Product Name: **Barium chloride dihydrate**

CAS Number: 10326-27-9

Specifications & Purity: AR, ≥99.5%

Lot #: D2507792

SKU #: **B111749**

Version: **5**

Analysis #: **501004**

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 (%)	0.00580 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.01 (%)	0.00500 %
PH(5% in water,25°C)	5-7	5.18000
Iron(Fe)	0-0.0001 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00100 %
Water by Karl Fischer	12-18 (%)	14.07990 %
Strontium(Sr)	0-0.05 (%)	0.00120 %
Assay	99.5-100 (%)	99.72000 %
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