

Certificate of Analysis

Date of Testing: 2023-04-24 16:55:08

Date of Next Testing: 2027-04-23 16:55:08

Product Name: **Barium chloride dihydrate**

CAS Number: 10326-27-9

Specifications & Purity: **Guaranteed Reagent,99.5%**

Lot #: D2312087

SKU #: **B111751**

Analysis: 212716

Parameter	Limit Values	Result
Strontium(Sr)	0-0.05 (%)	0.00090 %
PH(5% in water,25°C)	5-7	5.32000
Heavy metal (as Pb)	0-0.0002 (%)	0.00020 %
Potassium(K)	0-0.005 (%)	0.00002 %
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Total Nitrogen	0-0.001 (%)	0.00100 %
Iron(Fe)	0-0.00005 (%)	0.00005 %
Sodium(Na)	0-0.005 (%)	0.00030 %
Calcium(Ca)	0-0.01 (%)	0.00030 %
Water by Karl Fischer	12-18 (%)	13.16820 %
Assay	99.5-100 (%)	99.98000 %
Appearance (B111751)	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