

Certificate of Analysis

Date of Testing: 2022-09-16 16:53:00
Date of Next Testing: 2026-09-15 16:53:00
Product Name: **Barium chloride dihydrate**
CAS Number: 10326-27-9
Specifications & Purity: **Guaranteed Reagent,99.5%**
Lot #: I2209341
SKU #: **B111751**
Analysis: **115174**

Parameter	Limit Values	Result
Strontium(Sr)	0-0.05 (%)	0.00 %
PH(5% in water,25°C)	5-7	6.06
Heavy metal (as Pb)	0-2 (ppm)	0.00 ppm
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.5 (ppm)	0.01 ppm
Sodium(Na)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.01 (%)	0.00 %
Water by Karl Fischer	12-18 (%)	12.73 %
Potassium(K)	0-0.005 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Assay	99.5-100 (%)	99.90 %
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