

Certificate of Analysis

Date of Testing: 2024-08-19 09:59:20
Date of Next Testing: 2028-08-18 09:59:20
Product Name: **Barium chloride dihydrate**
CAS Number: 10326-27-9
Specifications & Purity: Analytical Reagent, 99.5%
Lot #: H2405137
SKU #: **B111749**
Version: **5**
Analysis #: **400866**

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 (%)	0.00000 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.01 (%)	0.00060 %
PH(5% in water, 25°C)	5-7	5.59000
Iron(Fe)	0-0.0001 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00030 %
Water by Karl Fischer	12-18 (%)	15.95570 %
Strontium(Sr)	0-0.05 (%)	0.00000 %
Assay	99.5-100 (%)	99.85000 %
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