

## Certificate of Analysis

Date of Testing: 2022-07-09 16:45:50  
Date of Next Testing: 2026-07-08 16:45:50  
Product Name: **Barium chloride dihydrate**  
CAS Number: 10326-27-9  
Specifications & Purity: 99.99% metals basis  
Lot #: F2223163  
SKU #: **B111753**  
Analysis: **094710**

Parameter	Limit Values	Result
Loss on drying(250°C,2h)	12-18 (%)	12.99%
Cl(Titration by AgNO <sub>3</sub> )	28.3-29.7 (%)	28.90%
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99%
Trace Metal Analysis	0-100 (ppm)	59.00 ppm
Appearance (B111753)	White Powder or Crystals	White Powder or Crystals
ICP:Confirms Barium Component	Confirmed	Confirmed
Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy,100 mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager