

## Certificate of Analysis

Date of Testing: 2023-03-09 20:20:13  
Date of Next Testing: 2027-03-08 20:20:13  
Product Name: **Barium chloride dihydrate**  
CAS Number: 10326-27-9  
Specifications & Purity:  $\geq 99.999\%$  metals basis  
Lot #: C2307181  
SKU #: **B111754**  
Analysis: **197115**

Parameter	Limit Values	Result
Water by Karl Fischer	12-18 (%)	12.01%
Purity(Based On Trace Metals Analysis)	99.999-100 (%)	100.00%
Cl(Titration by AgNO <sub>3</sub> )	28.3-29.7 (%)	28.93%
Total trace metal imp	0-10 (ppm)	9.00 ppm
Appearance (B111754)	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