

Certificate of Analysis

Date of Testing: 2023-03-09 20:18:20
Date of Next Testing: 2027-03-08 20:18:20
Product Name: **Barium chloride dihydrate**
CAS Number: 10326-27-9
Specifications & Purity: $\geq 99.999\%$ metals basis
Lot #: C2307020
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 ₃) | 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 ₂ 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