

Certificate of Analysis

Date of Testing: 2022-07-09 16:50:04
Date of Next Testing: 2026-07-08 16:50:04
Product Name: **Barium chloride dihydrate**
CAS Number: 10326-27-9
Specifications & Purity: 99.99% metals basis
Lot #: F2223093
SKU #: **B111753**
Analysis: **094710**

| Parameter | Limit Values | Result |
|--|--------------------------|--------------------------|
| Loss on drying(250°C,2h) | 12-18 (%) | 12.99% |
| Cl(Titration by AgNO ₃) | 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 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