

Certificate of Analysis

Date of Testing: 2023-07-20 18:19:52
Date of Next Testing: 2027-07-19 18:19:52
Product Name: **Yttrium fluoride**
CAS Number: 13709-49-4
Specifications & Purity: anhydrous, powder, 99.99% metals basis
Lot #: G2317135
SKU #: **Y106114**
Analysis: **248296**

| Parameter | Limit Values | Result |
|--|--------------------------|--------------------------|
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%) | 99.99% |
| Water by Karl Fischer | 0-1 (%) | 0.11% |
| Trace Rare Earth Analysis | 0-200 (ppm) | 64.00 ppm |
| Appearance (Y106114) | White Powder or Crystals | White Powder or Crystals |
| ICP: Confirms Yttrium Component | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager