

## Certificate of Analysis

Date of Testing: 2023-01-05 17:29:54  
Date of Next Testing: 2027-01-04 17:29:54  
Product Name: **Yttrium fluoride**  
CAS Number: 13709-49-4  
Specifications & Purity: anhydrous, powder, 99.99% metals basis  
Lot #: D1902166  
SKU #: **Y106114**  
**Analysis: 174809**

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
Water by Karl Fischer	0-1 (%)	0.86 %
Trace Rare Earth Analysis	0-200 (ppm)	154.86 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