

## Certificate of Analysis

Date of Testing: 2023-12-18 17:07:22  
Date of Next Testing: 2027-12-17 17:07:22  
Product Name: **Yttrium(III) fluoride**  
CAS Number: 13709-49-4  
Specifications & Purity: anhydrous,99.9% metals basis  
Lot #: L2313071  
SKU #: **Y106115**  
Analysis: **306372**

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99%
Water by Karl Fischer	0-1 (%)	0.06 %
Trace Rare Earth Analysis	0-2000 (ppm)	100.00 ppm
Appearance (Y106115)	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