

## Certificate of Analysis

Date of Testing: 2024-01-11 10:53:32  
Date of Next Testing: 2028-01-10 10:53:32  
Product Name: **Yttrium chloride hexahydrate**  
CAS Number: 10025-94-2  
Specifications & Purity:  $\geq 99.99\%$  metals basis  
Lot #: A2404682  
SKU #: **Y119236**  
Version: **1**  
Analysis #: **305292**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	68.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99%
Complexometric EDTA (%Y)	27.8-30.8 (%)	28.51%
Water by Karl Fischer	33-39 (%)	33.02%
Appearance (Y119236)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
ICP: Confirms Yttrium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager