

## Certificate of Analysis

Date of Testing: 2023-02-09 17:28:15  
Date of Next Testing: 2027-02-08 17:28:15  
Product Name: **Yttrium chloride hexahydrate**  
CAS Number: 10025-94-2  
Specifications & Purity: 99.999% metals basis  
Lot #: B2303927  
SKU #: **Y119237**  
**Analysis: 186052**

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.999-100 (%)	100.00 %
Total Metallic Impuritie	0-20 (ppm)	19.20 ppm
Assay (Y)(Complexometric titration)	28.7-29.9 (%)	29.80 %
Appearance (Y119237)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP Assay	Confirmed to structure	Confirmed to structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager