

## Certificate of Analysis

Date of Testing: 2023-05-12 11:32:49  
Date of Next Testing: 2027-05-11 11:32:49  
Product Name: **Yttrium chloride hexahydrate**  
CAS Number: 10025-94-2  
Specifications & Purity: 99.9% metals basis  
Lot #: E2306179  
SKU #: **Y119238**  
**Analysis: 222945**

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.99%
Complexometric EDTA (%Y)	27.8-30.8 (%)	29.01%
Trace Rare Earth Analysis	0-2000 (ppm)	199.00 ppm
Appearance (Y119238)	white to tan or light yellow powder and/or chunks	white to tan or light yellow powder 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