

## Certificate of Analysis

Date of Testing: 2024-05-14 14:12:48  
Date of Next Testing: 2028-05-13 14:12:48  
Product Name: **Yttrium chloride hexahydrate**  
CAS Number: 10025-94-2  
Specifications & Purity: 99.99% metals basis  
Lot #: D2423250  
SKU #: **Y119236**  
**Analysis: 334348**

| Parameter                                  | Limit Values                                 | Result                                       |
|--|--|--|
| Trace Rare Earth Analysis                  | 0-200 (ppm)                                  | 98.00 ppm                                    |
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%)                                | 99.99%                                       |
| Complexometric EDTA (%Y)                   | 27.8-30.8 (%)                                | 29.43%                                       |
| Water by Karl Fischer                      | 33-39 (%)                                    | 38.55%                                       |
| ICP: Confirms Yttrium Component            | Confirmed                                    | Confirmed                                    |
| Appearance (Y119236)                       | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| X-Ray Diffraction                          | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager