

## Certificate of Analysis

Date of Testing: 2024-01-11 10:39:11  
Date of Next Testing: 2028-01-10 10:39:11  
Product Name: **Yttrium chloride hexahydrate**  
CAS Number: 10025-94-2  
Specifications & Purity:  $\geq 99.99\%$  metals basis  
Lot #: A2404679  
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                        |



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QA & QC Manager