

## Certificate of Analysis

Date of Testing: 2023-09-20 10:07:26  
Date of Next Testing: 2025-09-19 10:07:26  
Product Name: **Ytterbium chloride**  
CAS Number: 10361-91-8  
Specifications & Purity: anhydrous, -10 mesh, 99.99% trace metals basis  
Lot #: K2126321  
SKU #: **Y137957**  
**Analysis:** **278398**  
Storage Temperature: Argon charged

| Parameter                                  | Limit Values                         | Result                               |
|--|--------------------------------------|--------------------------------------|
| Water by Karl Fischer                      | 0-2 (%)                              | 1.03 %                               |
| Particle size                              | 0-10 (mesh)                          | 10.00 mesh                           |
| Purity(Based On Trace Rare Earth Analysis) | 99.99-100 (%)                        | 99.99 %                              |
| Trace Rare Earth Analysis                  | 0-150 (ppm)                          | 100.00 ppm                           |
| Appearance (Y137957)                       | White to Light Green Beads or powder | White to Light Green Beads or powder |
| ICP:Confirms Ytterbium component           | Confirmed                            | Confirmed                            |



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