

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-24 15:50:07
Date of Next Testing: 2026-05-24 15:50:07
Product Name: **Ytterbium chloride**
CAS Number: 10361-91-8
Specifications & Purity: anhydrous, powder, 99.9% trace metals basis
Lot #: E2409426
SKU #: **Y137958**
Version: **0**
Analysis #: **350124**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Water by Karl Fischer | 0-2 (%) | 0.39 % |
| Trace Rare Earth Analysis(by ICP Atomic emission) | 0-1500 (ppm) | 572.00 ppm |
| Purity(Based On Trace Rare Earth Analysis) | 99.9-100 (%) | 99.94 % |
| Appearance (Y137958) | White powder | White powder |
| ICP:Confirms Ytterbium component | Confirmed | Confirmed |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager