

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-20 13:11:48  
Date of Next Testing: 2024-09-19 13:11:48  
Product Name: **Ytterbium chloride**  
CAS Number: 10361-91-8  
Specifications & Purity: anhydrous, powder, 99.9% trace metals basis  
Lot #: L2010299  
SKU #: **Y137958**  
**Analysis: 137202**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.12 %
Trace Rare Earth Analysis(by ICP Atomic emission)	0-1500 (ppm)	800.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.92 %
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