

## Certificate of Analysis

Date of Testing: 2023-10-08 10:34:23  
Date of Next Testing: 2025-10-07 10:34:23  
Product Name: **Ytterbium chloride**  
CAS Number: 10361-91-8  
Specifications & Purity: anhydrous, -10 mesh, 99.99% trace metals basis  
Lot #: L2125447  
SKU #: **Y137957**  
Version: **0**  
Analysis #: **282233**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.88 %
Particle size	0-10 (mesh)	2.00 mesh
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Trace Rare Earth Analysis	0-150 (ppm)	60.00 ppm
Appearance (Y137957)	White to Light Green Beads or powder	White to Light Green Beads or powder
ICP:Confirms Ytterbium component	Confirmed	Confirmed



John Su  
QA & QC Manager