

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-04 11:11:32  
Date of Next Testing: 2026-07-03 11:11:32  
Product Name: **Ytterbium(III) chloride hexahydrate**  
CAS Number: 10035-01-5  
Specifications & Purity: 99.998% metals basis  
Lot #: G2201690  
SKU #: **Y119058**  
**Analysis: 109012**

Parameter	Limit Values	Result
Purity(Based on Rare Earth Analysis)	99.998-100 (%)	100.00 %
Trace Rare Earth Analysis	0-30 (ppm)	18.00 ppm
Appearance (Y119058)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP:Confirms Ytterbium component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager