

## Certificate of Analysis

Date of Testing: 2023-12-22 16:31:22  
Date of Next Testing: 2024-12-21 16:31:22  
Product Name: **Ytterbium(III) chloride hexahydrate**  
CAS Number: 10035-01-5  
Specifications & Purity: 99.9% metals basis  
Lot #: H2112344  
SKU #: **Y119057**  
**Analysis: 308038**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-2000 (ppm)	600.00 ppm
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.94 %
Appearance (Y119057)	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