

## Certificate of Analysis

Date of Testing: 2023-01-03 08:45:34  
Date of Next Testing: 2027-01-02 08:45:34  
Product Name: **Ytterbium sulfate octahydrate**  
CAS Number: 10034-98-7  
Specifications & Purity: 99.9% metals basis  
Lot #: L2220338  
SKU #: **Y119114**  
Version: **0**  
Analysis #: **164816**

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99%
Trace Rare Earth Analysis	0-2000 (ppm)	71.00 ppm
Appearance (y119114)	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