

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-31 15:45:14
Date of Next Testing: 2028-08-30 15:45:14
Product Name: **Ytterbium oxide**
CAS Number: 1314-37-0
Specifications & Purity: 99.99% metals basis
Lot #: H2420193
SKU #: **Y118477**
Version: **0**
Analysis #: **353667**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Trace Rare Earth Analysis	0-200 (ppm)	73.00 ppm
Complexometric EDTA (Yb)	86.5-90 (%)	86.90 %
Appearance (Y118477)	white powder	White powder
ICP:Confirms Ytterbium component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager