



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-03-14 10:38:06

Date of Next Testing: 2024-03-03 10:38:06

Product Name: **Erbium trinitrate pentahydrate**

CAS Number: 10031-51-3

Specifications & Purity: 99.9% metals basis

Lot #: C2210455

SKU #: **E106128**

Analysis: **056058**

Parameter	Limit Values	Result
Water by Karl Fischer	15-25 (%)	21.95 %
Trace Rare Earth Analysis	0-2000 (ppm)	447.00 ppm
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100 (%)	99.96 %
Compleximetric EDTA (% Er)	37-38.5 (%)	37.01 %
Appearance (E106128)	Pink Crystals or Powder and/or Chunks	Pink Crystals or Powder and/or Chunks
ICP: Confirms Erbium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager