QualityAssurance@aladdinsci.com
ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-03-15 14:39:03
Date of Next Testing:	2027-03-05 14:39:03
Product Name:	**Erbium trinitrate pentahydrate**
CAS Number:	10031-51-3
Specifications & Purity:	≥99.9% metals basis
Lot #:	C2513486
SKU #	**E106128**
Version	**0**
Analysis #:	**476631**
Storage Temperature:	Room temperature

Parameter	**Limit Values**	**Result**
Complexiometric EDTA (% Er)	37-38.5（%）	37.91 %
Trace Rare Earth Analysis	0-2000（ppm）	96.00 ppm
Purity(Based On Trace Rare Earth Analysis of ICP)	99.9-100（%）	99.99 %
Water by Karl Fischer	15-25（%）	18.23 %
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