

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-25 11:41:24  
 Date of Next Testing: 2029-06-24 11:41:24  
 Product Name: **Erbium(III) 2,4-pentanedionate**  
 CAS Number: 14553-08-3  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: F2624310  
 SKU #: **E302901**  
 Version: **3**  
 Analysis #: **725271**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                      | Limit Values                       | Result                             |
|--------------------------------|------------------------------------|------------------------------------|
| Water by Karl Fischer          | $\leq 12$ (%)                      | 8.34170 %                          |
| purity(As Er)(on dry basis)    | 99-100 (%)                         | 99.20000 %                         |
| Appearance(E302901)            | off-white to pink powder or chunks | off-white to pink powder or chunks |
| ICP: Confirms Erbium Component | Confirmed                          | Confirmed                          |
| Infrared spectrum              | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager