

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-08 15:47:13
Date of Next Testing: 2026-10-07 15:47:13
Product Name: **Dysprosium(III) chloride hexahydrate**
CAS Number: 15059-52-6
Specifications & Purity: 99.9% trace metals basis
Lot #: I2328231
SKU #: **D475097**
Analysis: **268727**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Purity Based On Rare Earth Analysis | 99.9-100 (%) | 99.96 % |
| Trace Rare Earth Analysis(by ICP Atomic emission) | 0-1000 (ppm) | 361.00 ppm |
| Water by Karl Fischer | 27.5-30 (%) | 28.09 % |
| Dysprosium by ICP | 41.8- 44.4 (%) | 41.81 % |
| Appearance(D475097) | white to yellow solid | White to Yellow Solid |
| ICP:Confirms dysprosium Component | Confirmed | Confirmed |



John Su
QA & QC Manager