

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-10-08 14:46:52  
Date of Next Testing: 2026-10-07 14:46:52  
Product Name: **Dysprosium(III) chloride hexahydrate**  
CAS Number: 15059-52-6  
Specifications & Purity: 99.9% trace metals basis  
Lot #: I2328232  
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