

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-02-29 17:03:10
Date of Next Testing: 2027-02-28 17:03:10
Product Name: **Dysprosium(III) chloride hexahydrate**
CAS Number: 15059-52-6
Specifications & Purity: 99.9% trace metals basis
Lot #: B2427577
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