

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-12 13:57:28
Date of Next Testing: 2027-06-12 13:57:28
Product Name: **Dysprosium(III) chloride hexahydrate**
CAS Number: 15059-52-6
Specifications & Purity: 99.9% trace metals basis
Lot #: E2429303
SKU #: **D475097**
Version: **1**
Analysis #: **355584**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99.9-100 (%)	99.95 %
Trace Rare Earth Analysis(by ICP Atomic emission)	0-1000 (ppm)	464.00 ppm
Water by Karl Fischer	27.5-30 (%)	29.62 %
Dysprosium by ICP	41.8- 44.4 (%)	42.66 %
Appearance(D475097)	white to yellow solid	White to Yellow Solid
ICP:Confirms dysprosium Component	Confirmed	Confirmed



John Su
QA & QC Manager