

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-18 15:40:53

Date of Next Testing: 2027-12-17 15:40:53

Product Name: **Holmium(III) fluoride**

CAS Number: 13760-78-6

Specifications & Purity: anhydrous, powder, 99.99% metals basis

Lot #: C2009159

SKU #: **H119102**

Analysis: **305689**

Parameter	Limit Values	Result
Trace Rare Earth Analysis	0-200 (ppm)	99.00 ppm
Water by Karl Fischer	0-1 (%)	0.00 %
Purity(Based On Trace Rare Earth Analysis)	99.99-100 (%)	99.99 %
Appearance (H119102)	White to yellow powder or crystals	White to yellow powder or crystals
ICP: Confirms Holmium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager