

Certificate of Analysis

Date of Testing: 2022-06-13 17:02:38
Date of Next Testing: 2026-06-12 17:02:38
Product Name: **Dysprosium oxide**
CAS Number: 1308-87-8
Specifications & Purity: $\geq 99.9\%$ metals basis
Lot #: F2210449
SKU #: **D105277**
Analysis: **092029**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Dy(Complexometric EDTA)	85.8-88.4 (%)	86.50 %
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.95 %
Trace Rare Earth Analysis	0-2000 (ppm)	493.00 ppm
Appearance (D105277)	White to Off-White Powder	White to Off-White Powder
ICP:Confirms dysprosium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager