

## Certificate of Analysis

Date of Testing: 2023-08-09 17:31:02  
Date of Next Testing: 2027-08-08 17:31:02  
Product Name: **Dysprosium oxide**  
CAS Number: 1308-87-8  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: H2304292  
SKU #: **D105277**  
Version: **0**  
Analysis #: **162257**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Dy(Complexometric EDTA)	85.8-88.4 (%)	86.60%
Purity(Based On Trace Rare Earth Analysis)	99.9-100 (%)	99.99%
Trace Rare Earth Analysis	0-2000 (ppm)	99.00 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