

Certificate of Analysis

Date of Testing: 2023-08-09 17:32:05
Date of Next Testing: 2027-08-08 17:32:05
Product Name: **Dysprosium oxide**
CAS Number: 1308-87-8
Specifications & Purity: $\geq 99.9\%$ metals basis
Lot #: H2304293
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