

## Certificate of Analysis

Date of Testing: 2023-04-19 17:22:01  
Date of Next Testing: 2026-04-18 17:22:01  
Product Name: **Dysprosium(III) 2,4-pentanedionate hydrate**  
CAS Number: 14637-88-8  
Specifications & Purity: 99.9% (REO)  
Lot #: D23141811  
SKU #: **D302912**  
**Analysis: 194087**  
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity Based On Rare Earth Analysis	99.9-100 (%)	99.98 %
Trace Rare Earth Analysis	0-1000 (ppm)	175.00 ppm
Appearance(D302912)	white to off-white crystal Powder	White to off-white crystal powder
ICP:Confirms dysprosium Component	Confirmed	Confirmed
Infrared spectrum	conforms to structure	Conforms to Structure



John Su  
QA & QC Manager