

## Certificate of Analysis

Date of Testing: 2024-07-01 16:12:58  
Date of Next Testing: 2027-07-01 16:12:58  
Product Name: **Neodymium(III) 2,4-pentanedionate**  
CAS Number: 14589-38-9  
Specifications & Purity: 99%  
Lot #: F2421444  
SKU #: **N302907**  
Version: **2**  
Analysis #: **379636**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(Based On Trace Rare Earth Analysis)	99-100 (%)	99.35 %
Trace Rare Earth Analysis by ICP Atomic emission	<1 (%)	0.65180 %
Water by Karl Fischer	≤2 (%)	1.93 %
ICP:Confirms Nd Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(N302907)	Light blue to faint purple powder	Light blue to faint purple powder



John Su  
QA & QC Manager