



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-504016  
Lot Number: SAMPLE  
Product Name: Neodymium(II) iodide  
CAS Number: 61393-36-0  
Molecular Formula:  $\text{NdI}_2$   
Molecular Weight: 398.05

Test	Result
Appearance	Black powder
Identification (ICP)	Consistent with neodymium component
Purity (Rare Earth Analysis)	> 99.9+ %
Titration	35.9 % ND (complexometric)
Trace Analysis	La 92.3 ppm Pr 87.8 ppm B 44.2 ppm Fe 38.0 ppm Dy 31.5 ppm Gd 20.9 ppm Al 12.4 ppm Ta 6.15 ppm Y 4.97 ppm Cu 3.95 ppm Cs 3.02 ppm Ho 2.61 ppm Sn 1.02 ppm Cr 0.79 ppm Er 0.53 ppm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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