



Certificate of analysis

Reference #: ND4938 – lot # 07090

Product name	Neodymium(III) chloride anhydrous, 99.9%				
Product code	ND4938	CAS#	10024-93-8	Purity	99.9% (by emission spectroscopy)
Lot/batch #	07090	Net Weight/volume	300kg	Country of origin	USA

Analytical results								
Titration	% Nd = 57.54%							
Purity	99.9%							
ICP	99.9% (metals basis)							
Impurity weight, ppm:	Ag	ND	Co	ND	Mo	ND	Sr	ND
	Al	17.23	Cr	0.59	Na	57.8	Ti	ND
	As	< 1	Cu	ND	Ni	<1	V	ND
	Ba	<2	Fe	7.69	Pb	ND	Zn	130
	Be	ND	K	<10	Sb	ND	Zr	ND
	Bi	ND	Li	ND	Se	ND	%Nd = 57.54%; ND = not detected w / 0.2 ppm limit; Water=0.822%	
	Ca	34.91	Mg	5.26	Si	9.13		
	Cd	ND	Mn	0.26	SN	ND		
Analysis date	7/9/2020							

Re-test/Shelf Life: This material when kept in original sealed container should be retested after 12 months to ensure quality.