



Certificate of analysis

Reference #: ND4938 – lot # 07220

Product name	Neodymium(III) chloride anhydrous, 99.9%				
Product code	ND4938	CAS#	10024-93-8	Purity	99.9% (by emission spectroscopy)
Lot/batch #	07220	Net Weight/volume	250kg	Country of origin	USA

Analytical results								
Titration	% Nd = 57.75%							
Purity	99.9%							
ICP	99.9% (metals basis)							
Impurity weight, ppm:	Ag	ND	Co	ND	Mo	ND	Sr	ND
	Al	14.39	Cr	1.5	Na	38.34	Ti	ND
	As	< 1	Cu	ND	Ni	<1	V	ND
	Ba	<2	Fe	11.21	Pb	ND	Zn	563
	Be	ND	K	3.01	Sb	ND	Zr	ND
	Bi	ND	Li	ND	Se	ND	%Nd = 57.75%; ND = not detected w / 0.2 ppm limit; Water=0.697%	
	Ca	19.59	Mg	5.03	Si	5.07		
	Cd	0.28	Mn	0.22	SN	ND		
Analysis date	7/22/2020							

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