

Certificate of analysis

Neodymium (III) nitrate, 99.9% (REO)

Stock Number: 12912

Lot Number: A30M27

Analysis, ppm

H	Matrix	Li	0.1	Be	<0.01	B	1
C	ND	N	Matrix	O	Matrix	F	9
Na	0.9	Mg	2	Al	20	Si	8
P	0.3	S	9	Cl	80	K	< 0.2
Ca	6	Sc	< 0.05	Ti	< 0.2	V	< 0.04
Cr	< 0.2	Mn	< 0.1	Fe	2	Co	< 0.02
Ni	< 0.1	Cu	3	Zn	9	Ga	< 0.1
Ge	< 0.3	As	< 0.5	Se	< 0.3	Br	0.6
Rb	< 0.1	Sr	< 0.2	Y	0.9	Zr	< 0.2
Nb	< 0.5	Mo	< 0.5	Ru	< 0.4	Rh	< 0.1
Pd	< 0.4	Ag	< 0.2	Cd	< 0.5	In	< 0.1
Sn	< 0.5	Sb	< 0.2	Te	< 0.6	I	1
Cs	< 0.1	Ba	3	La	80	Ce	3
Pr	200	Nd	Matrix	Sm	7	Eu	0.8
Gd	3	Tb	< 0.6	Dy	< 1	Ho	< 1
Er	< 0.6	Tm	< 0.1	Yb	< 0.6	Lu	< 0.2
Hf	< 0.7	Ta*	ND	W	< 1	Re	< 0.5
Os	< 0.7	Ir	< 0.5	Pt	< 0.8	Au	< 0.5
Hg	< 0.6	Tl	< 0.3	Pb	5	Bi	< 0.5
Th	< 0.4	U	< 0.4				

Values given in ppm unless otherwise noted

ND: Not determined

* Ta was used as the ion source construction material

Analysis by spark source mass spectrometry

Certified by:



Quality Control

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