

Certificate of analysis

Yttrium (III) carbonate, REacton, 99.99% (REO)

Stock Number: 13157

Lot Number: D16M15

Analysis

H	ND	Li	0.02	Be	< 0.005	B	0.02
C	ND	N	ND	O	Matrix	F	0.4
Na	0.4	Mg	0.1	Al	3	Si	2
P	0.05	S	3	Cl	4	K	0.4
Ca	10	Sc	< 0.05	Ti	< 0.2	V	< 0.01
Cr	0.2	Mn	< 0.02	Fe	4	Co	< 0.02
Ni	0.04	Cu	0.6	Zn	< 0.02	Ga	< 0.04
Ge	< 0.05	As	0.04	Se	< 0.04	Br	1
Rb	< 0.1	Sr	< 0.05	Y	Matrix	Zr	< 0.1
Nb	< 0.2	Mo	< 0.3	Ru	< 0.2	Rh	< 0.1
Pd	< 0.1	Ag	< 0.1	Cd	< 0.2	In	< 0.3
Sn	< 0.1	Sb	< 0.4	Te	< 0.1	I	0.5
Cs	< 0.6	Ba	< 0.3	La	< 0.2	Ce	< 0.1
Pr	< 0.1	Nd	< 0.3	Sm	< 0.4	Eu	< 0.3
Gd	< 0.6	Tb	< 0.4	Dy	< 0.6	Ho	< 0.2
Er	< 0.5	Tm	< 0.1	Yb	< 0.6	Lu	< 0.2
Hf	< 0.5	Ta*	ND	W	< 0.5	Re	< 0.4
Os	< 0.7	Ir	< 0.7	Pt	< 0.8	Au	< 0.4
Hg	< 0.5	Tl	< 0.3	Pb	< 0.6	Bi	< 0.3
Th	< 0.3	U	< 0.3				

Values given in ppm unless otherwise noted

ND: Not determined

* Ta was used as the ion source construction material

Certified by:



Quality Control

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