

Certificate of analysis

Cerium(III) carbonate hydrate, Reacton[®], 99.9% (REO)

Stock Number: 15295

Lot Number: B13S001

Analysis

TREO	49.9 %
N (NH ₄)	< 0.05 %
N (NO ₃)	0.09 %

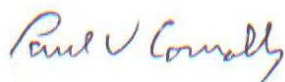
Fe	4	Ca	17	Mg	1
Al	140	Si	< 10	Ti	< 1
V	< 1	Cr	1	Mn	< 1
Co	< 1	Ni	< 1	Cu	< 1
Zn	4	Br	< 1	Cd	< 1
Sn	< 1	Sb	< 1	Ba	2
Pb	< 1	Li	< 1	Cl	590
Na	19	K	< 2	P	< 25
S	100				

Values given in ppm unless otherwise noted

CeO ₂	99.98 %	Y ₂ O ₃	3	La ₂ O ₃	40
Pr ₆ O ₁₁	76	Nd ₂ O ₃	35	Sm ₂ O ₃	< 1
Eu ₂ O ₃	< 1	Gd ₂ O ₃	< 2	Tb ₄ O ₇	3
Dy ₂ O ₃	< 1	Ho ₂ O ₃	< 1	Er ₂ O ₃	< 1
Tm ₂ O ₃	< 1	Yb ₂ O ₃	4	Lu ₂ O ₃	< 1
ThO ₂	< 0.2				

Values given in ppm on TREO base unless otherwise noted

Certified by:



Quality Control

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