

NYC

NIPPON YTTRIUM COMPANY LIMITED

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Feb, 19. 2013

CERTIFICATE OF ANALYSIS


99.9995 % Yttrium oxide

Lot No. 121150

Net Wt. 530 kg

Analysis

Y2O3 /TREO	>	99.9995 %	
La2O3		0.2	ppm
CeO2	<	0.1	ppm
Pr6O11	<	0.1	ppm
Nd2O3	<	0.1	ppm
Sm2O3	<	0.1	ppm
Eu2O3	<	0.1	ppm
Gd2O3		0.2	ppm
Tb4O7	<	0.1	ppm
Dy2O3	<	0.1	ppm
Ho2O3		0.2	ppm
Er2O3		0.3	ppm
Tm2O3	<	0.1	ppm
Yb2O3	<	0.1	ppm
Lu2O3	<	0.1	ppm
Fe2O3		0.7	ppm
CaO		0.9	ppm
NiO		0.1	ppm
Al2O3	<	0.2	ppm
Co3O4	<	0.1	ppm
CuO		0.2	ppm
MgO	<	0.1	ppm
Na2O		0.3	ppm
MnO	<	0.1	ppm
SiO2		2.4	ppm


S. Kuwabara