ThermoFisher SCIENTIFIC

Certificate of Analysis

Product No.: 11180

Product: Yttrium(III) oxide, REacton«, 99.9% (REO)

Lot No.: P01E006

Y_2O_3	> 99.999 %
Total REO	99.55 %
Loss on ignition	< 1.0 %
Size, D50	4.90 µm

La_2O_3	0.5	CeO_2	0.5	Pr_6O_{11}	0.5
Nd_2O_3	0.5	Sm_2O_3	0.5	Eu_2O_3	0.5
Gd_2O_3	0.5	Tb_4O_7	0.5	Dy_2O_3	0.5
Ho_2O_3	0.5	Er_2O_3	0.5	Tm_2O_3	0.5
Yb_2O_3	0.5	Lu_2O_3	0.5	SiO_2	14
CaO	5	CuO	< 2	PbO	2
NiO	< 2	Cl^-	60	Fe_2O_3	1.5

Values given in ppm unless otherwise noted

Retest Date: May 11, 2028

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