

Certificate of Analysis

Product Name: Cerium Oxalate Hydrate ($\text{Ce}_2(\text{C}_2\text{O}_4)_3 \cdot x\text{H}_2\text{O}$) Powder
Purity: 99.99% REO
Lot Number: OH58-230817
Date: 08/17/2023

Test Result

TREO (%)	$\geq 44.20 \%$	$\text{CeO}_2/\text{TREO} (\%)$	$\geq 99.99\%$
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Rare Earth Impurities (Max%)		Non-Rare Earth Impurities (Max%)	
La_2O_3	0.003	Fe_2O_3	0.001
Pr_6O_{11}	0.002	SiO_2	0.002
Nd_2O_3	0.001	CaO	0.001
Sm_2O_3	0.001	Cl^-	0.005
Eu_2O_3	0.0001		
Gd_2O_3	0.0001		
Tb_4O_7	0.0001		
Dy_2O_3	0.0001		
Ho_2O_3	0.0001		
Er_2O_3	0.0001		
Tm_2O_3	0.0001		
Yb_2O_3	0.0001		
Lu_2O_3	0.0001		
Y_2O_3	0.001		

Stanford Advanced Materials

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