

HANGZHOU OCEAN CHEMICAL CO., LTD

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CERTIFICATE OF ANALYSIS

Product name	Erbium Oxide
CAS NO	12061-16-4
Batch No	1908057
Structure	Er ₂ O ₃
Quantity	1000kg
Report date	September 18 2019

Quality items	Standard	Results	
Appearance:	Light Pink powder No visible impurities	Light Pink powder	
Er ₂ O ₃ /REO	≥99.90%	>99.9%	
REO	≥99.00%	99.70%	
Loss on ignition	≤0.5%	0.10%	
Rare earth impurities / REO			
La ₂ O ₃	<50ppm	CeO ₂	<50ppm
Pr ₆ O ₁₁	<50ppm	Nd ₂ O ₃	<50ppm
Sm ₂ O ₃	<50ppm	Eu ₂ O ₃	<50ppm
Gd ₂ O ₃	<50ppm	Tb ₄ O ₇	<50ppm
Dy ₂ O ₃	<50ppm	Ho ₂ O ₃	<50ppm
Tm ₂ O ₃	<50ppm	Yb ₂ O ₃	<100ppm
Lu ₂ O ₃	<300ppm	Y ₂ O ₃	<50ppm
None Rare earth impurities			
Fe ₂ O ₃	<10ppm	SiO ₂	29ppm
CaO	20ppm	Cl-	<100ppm

Q.C.Director:

Analyst:

Collator:

