

CERTIFICATE OF ANALYSIS

Product Name: Erbium Oxide

CAS Number: 12061-16-4

Product Number: NO-0020-UP

Supplier: IoLiTec
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Analysis:

	Specification	
Identity	pass	
Assay	99.9%	
APS (TEM)	45 nm	
SSA (BET)	~16 m ² /g	
PM	spherical	
Apparent density	~8.64 g/cm ³	
Appearance	pink	
Date	07.01.2008	

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ICP:		contents
Er ₂ O ₃		99.9%
REO	Dy ₂ O ₃	<0.01
	Ho ₂ O ₃	0.014
	Tm ₂ O ₃	<0.01
	Yb ₂ O ₃	0.013
Non-REO	CaO	0.008
	Fe ₂ O ₃	0.004
	SiO ₂	0.005

XRD:

TEM: typical

