

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Erbium oxide,99.99% metals basis

ITEM NUMBER: E105903
BRAND: Aladdin
CAS NUMBER: 12061-16-4
MDL NUMBER: MFCD00010991
FORMULA: Er₂O₃
MOLECULAR WEIGHT: 382.52

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Pink powder		
Complexometric EDTA (% Er)	86.1 %	88.8 %	88.8 %
ICP: Confirms Erbium Component	Confirmed		
Purity(Based On Trace Rare Earth Analysis)	99.99 %	100 %	100 %
total metallic impurities	0 ppm	100 ppm	100 ppm
X-Ray Diffraction	Conforms to Structure		