

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Cerium oxide,99.99% metals basis

ITEM NUMBER: C103988
 BRAND: Aladdin
 CAS NUMBER: 1306-38-3
 MDL NUMBER: MFCD00010933
 FORMULA: CeO2
 MOLECULAR WEIGHT: 172.11

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	white to yellow to tan powder		
ICP: Confirms Cerium Component	Confirmed		
loss on ignition	0 %	1 %	1 %
Purity(Based On Trace Rare Earth Analysis)	99.99 %	100 %	100 %
Trace Rare Earth Analysis	0 ppm	200 ppm	200 ppm
X-Ray Diffraction	Conforms to Structure		