

PRODUCT IDENTITY

PRODUCT NAME	Cerium oxide	PRODUCT NUMBER	C103981
Grades & Purity	≥99.5% metals basis, 20-50nm	VERSION	3
CAS NUMBER	1306-38-3	FORMULA	CeO ₂
FORMULA WEIGHT	172.11g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Particle size	20-50 (nm)
Purity(Based On Trace Rare Earth Analysis)	99.5-100 (%)
Trace Rare Earth Analysis(by ICP Atomic emission)	0-5000 (ppm)
Appearance (C103981)	White to Yellow Powder
ICP: Confirms Cerium Component	Confirmed
X-Ray Diffraction	Conforms to Structure