

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Zinc iron oxide, 100nm , 99% metals basis

ITEM NUMBER: Z107248
BRAND: Aladdin
CAS NUMBER: 12063-19-3
MDL NUMBER: MFCD00049621
FORMULA: ZnFe₂O₄
MOLECULAR WEIGHT: 241.08

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Brown and red and brown-red powder		
ICP: Confirms Zn and Fe Components	Confirmed		
Particle size	0 nm	100 nm	100 nm
Purity(Based On Trace Metals Analysis)	99 %	100 %	100 %
Surface area(BET)	55 m ² /gsurface	70 m ² /gsurface	70 m ² /gsurface
total metallic impurities	0 ppm	10000 ppm	10000 ppm
X-Ray Diffraction	Conforms to Structure		