

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Reduced iron powder,98% , 400 mesh

ITEM NUMBER: I116361
BRAND: Aladdin
CAS NUMBER: 7439-89-6
MDL NUMBER: MFCD00010999
FORMULA: Fe
MOLECULAR WEIGHT: 55.85

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Grey powder		
As	0 ppm	5 ppm	5 ppm
Assay(Fe)	98 %	100 %	100 %
chloride (Cl-)	0 ppm	20 ppm	20 ppm
Cu	0 ppm	100 ppm	100 ppm
Insoluble matter in HCl	0 %	0.5 %	0.5 %
Mn	0 ppm	1000 ppm	1000 ppm
Ni	0 ppm	500 ppm	500 ppm
Particle size	0 mesh	0 mesh	>=400 mesh
Pb	0 ppm	20 ppm	20 ppm
sulfide (S ²⁻)	0 ppm	100 ppm	100 ppm
X-Ray Diffraction	Conforms to Structure		
Zinc (Zn)	0 ppm	50 ppm	50 ppm