

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Manganese sulfide,98%

ITEM NUMBER: M102479  
BRAND: Aladdin  
CAS NUMBER: 18820-29-6  
MDL NUMBER: MFCD00014210  
FORMULA: MnS  
MOLECULAR WEIGHT: 87.00

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Green to Dark Green Powder, Crystals, Granules, Chunk		
ICP: Confirms Manganese and Sulfur Components	Conformed		
Mn(Complexometric Titration)	60 %	66.3 %	66.3 %
Purity	98 %	100 %	100 %
X-Ray Diffraction	Conforms to Structure		