

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Manganese dioxide,SP

ITEM NUMBER: M101137  
BRAND: Aladdin  
CAS NUMBER: 1313-13-9  
MDL NUMBER: MFCD00003463  
FORMULA: MnO<sub>2</sub>  
MOLECULAR WEIGHT: 86.94

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Grey to Black Crystalline or Granular Powder		
Purity(GC)	99 %	100 %	100 %
Titration by KMNO <sub>4</sub> (% Mn)	0 %	0 %	>=62.6 %
X-Ray Diffraction	Conforms to Structure		