

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Germanium,99.999% metals basis, 200 mesh,powder

ITEM NUMBER: C105173  
BRAND: Aladdin  
CAS NUMBER: 7440-56-4  
MDL NUMBER: MFCD00085310  
FORMULA: Ge  
MOLECULAR WEIGHT: 72.64

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Grey to Dark Grey Powder or granules		
ICP:Confirms Germanium component	Confirmed		
Particle size	0 mesh	0 mesh	>=200 mesh
Purity(Based On Trace Metals Analysis)	99.999 %	100 %	100 %
total metallic impurities	0 ppm	10 ppm	10 ppm