

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Iodine,99.99% metals basis

ITEM NUMBER: I116353  
BRAND: Aladdin  
CAS NUMBER: 7553-56-2  
MDL NUMBER: MFCD00011355  
FORMULA: I<sub>2</sub>  
MOLECULAR WEIGHT: 253.81

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Grey to Very Dark Grey Beads or Flakes		
Assay(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	98 %	102 %	102 %
ICP: Confirms Iodine Component	Confirmed		
Purity(Based On Trace Metals Analysis)	99.99 %	100 %	100 %
total metallic impurities	0 ppm	200 ppm	200 ppm
X-Ray Diffraction	Conforms to Structure		