

## Certificate of Analysis

Date of Testing: 2023-04-14 13:15:19  
Date of Next Testing: 2027-04-13 13:15:19  
Product Name: **Tungsten hexacarbonyl**  
CAS Number: 14040-11-0  
Specifications & Purity: 99.9% metals basis  
Lot #: D2310002  
SKU #: **T113663**  
Analysis: **188606**

Parameter	Limit Values	Result
W(Gravimetric Analysis)	50.4-54 (%)	52.23%
Total Metallic Impuritie	0-1000 (ppm)	962.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.90%
Appearance (T113663)	White Powder or Crystals	White Powder or Crystals
ICP: Confirms Tungsten Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager