

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-22 13:44:55  
Date of Next Testing: 2028-05-21 13:44:55  
Product Name: **Tungsten hexacarbonyl**  
CAS Number: 14040-11-0  
Specifications & Purity: 99.9% metals basis  
Lot #: E2421256  
SKU #: **T113663**  
Version: **0**  
Analysis #: **356481**

Parameter	Limit Values	Result
W(Gravimetric Analysis)	50.4-54 (%)	50.50%
Total Metallic Impuritie	0-1000 (ppm)	271.99 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.9-100 (%)	99.97%
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