

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-05 16:28:21
 Date of Next Testing: 2028-09-04 16:28:21
 Product Name: **Tungsten chloride**
 CAS Number: 13283-01-7
 Specifications & Purity: $\geq 99.9\%$ metals basis
 Lot #: I2404249
 SKU #: **T106506**
 Version: **0**
 Analysis #: **408385**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.97960 %
Total Metallic Impuritie	0-2000 (ppm)	204.00000 ppm
W(Gravimetric Analysis With Cinchonine)	44.7-48 (%)	46.54000 %
Appearance (T106506)	Blue to black powder or crystals	Blue to black powder or crystals
ICP: Confirms Tungsten Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager