



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-19 19:00:45

Date of Next Testing: 2029-02-18 19:00:45

Product Name: **Tungsten chloride**

CAS Number: 13283-01-7

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: B2518596

SKU #: **T106506**

Version: **0**

Analysis #: **465533**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99660 %
Total Metallic Impuritie	0-2000 (ppm)	34.00000 ppm
W(Gravimetric Analysis With Cinchonine)	44.7-48 (%)	47.73000 %
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