

Certificate of Analysis

Date of Testing: 2023-06-01 11:46:34

Date of Next Testing: 2026-05-31 11:46:34

Product Name: **tungsten(5+) pentachloride**

CAS Number: 13470-14-9

Specifications & Purity: 99.95% metals basis

Lot #: E2323553

SKU #: **T294158**

Analysis: **224279**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GD-MS)	99.95-100 (%)	99.99000 %
Total Impurities(GD-MS)	0-500 (ppm)	100.00000 ppm
Appearance(T294158)	Dark green crystal	Dark green crystal
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager