

Certificate of Analysis

Date of Testing: 2023-06-01 11:52:50

Date of Next Testing: 2026-05-31 11:52:50

Product Name: tungsten(5+) pentachloride

CAS Number: 13470-14-9

Specifications & Purity: 99.95% metals basis

Lot #: E2323545

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



John Su
QA & QC Manager