

## Certificate of Analysis

Date of Testing: 2023-06-01 11:45:34  
Date of Next Testing: 2026-05-31 11:45:34  
Product Name: **tungsten(5+) pentachloride**  
CAS Number: 13470-14-9  
Specifications & Purity: 99.95% metals basis  
Lot #: E2323589  
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