

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Tungsten(VI) chloride – powder, ≥99.99% trace metals basis (purity excludes molybdenum)

Product Number: 645168
CAS Number: 13283-01-7
MDL: MFCD00011463
Formula: Cl₆W
Formula Weight: 396.56 g/mol



| TEST | Specification |
|---|--------------------------|
| Appearance (Color) | Conforms to Requirements |
| Dark Blue to Black | |
| Appearance (Form) | Powder or Chunks |
| Gravimetric Analysis | 44.7 - 48.0 % |
| % W With Cinchonine | |
| ICP Major Analysis | Confirmed |
| Confirms Tungsten Component | |
| Trace Metal Analysis | ≤ 100.0 ppm |
| Purity | Conforms |
| > = 99.99% Based On Trace Metals Analysis | |
| Purity Excludes Molybdenum | |

Specification: PRD.0.ZQ5.10000033577

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.