

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Tellurium dioxide - 99.995% trace metals basis

Product Number: 204552
CAS Number: 7446-07-3
MDL: MFCD00011263
Formula: O₂Te
Formula Weight: 159.6 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Powder or Crystalline Powder	Conforms to Requirements
X-Ray Diffraction	Conforms to Structure
Gravimetric Analysis % Te After Reduction With Sulfite	77.5 - 82.5 %
ICP Major Analysis Confirms Te Component	Confirmed
Purity 99.995% Based On Trace Metals Analysis	Meets Requirements
Trace Metal Analysis	≤ 55.0 ppm

Specification: PRD.1.ZQ5.10000028379

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.