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Certificate of Analysis

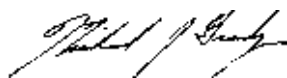
Product Name:

Germanium(IV) oxide – (crystalline powder), 99.998% trace metals basis

Product Number: 199478
Batch Number: MKCG1940
Brand: ALDRICH
CAS Number: 1310-53-8
MDL Number: MFCD00011030
Formula: GeO₂
Formula Weight: 104.64 g/mol
Quality Release Date: 06 APR 2018



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Conforms to Requirements	Powder
Powder or Crystalline Powder		
X-Ray Diffraction	Conforms to Structure	Conforms
Purity	Conforms	Conforms
99.998% Based On Trace Metals Analysis		
Trace Metal Analysis	≤ 25.0 ppm	9.5 ppm
Silver (Ag)		8.0 ppm
Beryllium (Be)		< 0.1 ppm
Calcium (Ca)		1.3 ppm
Magnesium (Mg)		0.1 ppm
Strontium (Sr)		< 0.1 ppm
Zinc (Zn)		0.1 ppm



Michael Grady, Manager
Quality Control
Milwaukee, WI US

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.