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Product Specification

Product Name:

Cadmium telluride - powder, <250 µm, deposition grade, ≥99.98% trace metals basis

Product Number: 256544
CAS Number: 1306-25-8
MDL: MFCD00015998
Formula: CdTe
Formula Weight: 240.01 g/mol

CdTe

TEST	Specification
Appearance (Color) Grey to Dark Grey or Black	Conforms to Requirements
Appearance (Form) Powder or Crystalline Powder	Conforms to Requirements
X-Ray Diffraction	Conforms to Structure
Gravimetric Analysis % Te (After Reduction With Sulfite)	52.1 - 54.2 %
Average Particle Size	≤ 250.0 micron
Purity > = 99.98% Based On Trace Metals Analysis	Meets Requirements
Trace Metal Analysis	≤ 200.0 ppm

Specification: PRD.1.ZQ5.10000021429

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.