

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
Dysprosium(II) iodide - anhydrous, powder, ≥99.9% trace metals basis

Product Number: 652423
CAS Number: 36377-94-3
MDL: MFCD07784356
Formula: DyI₂
Formula Weight: 416.31 g/mol



TEST	Specification
------	---------------

Appearance (Color)	Brown to Very Dark Brown and Purple to Very Dark Purple and Black
Appearance (Form)	Powder or Chunks
Titration with EDTA % Dy	38.2 - 39.8 %
ICP Major Analysis Confirms Dysprosium Component	Confirmed
Purity > = 99.9% Based On Rare Earth Analysis	Meets Requirements
Trace Rare Earth Analysis	≤ 1000.0 ppm

Specification: PRD.0.ZQ5.10000056311

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.