

Technical Data Sheet

Dysprosium(III) oxide powder

Revision Date: 11/6/2025

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY / UNDERTAKING

Product name	Dysprosium(III) oxide powder
Product code	NO-0019-UP
CAS	1308-87-8
Supplier	IoLiTec Ionic Liquids Technologies GmbH Im Zukunftspark 9 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Fax	+49 (0)7131 - 89839109
Emergency telephone	+49 (0)151-41255671

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	Dysprosium(III) oxide powder
CAS No.	1308-87-8
Empirical Formula	Dy ₂ O ₃
Molecular weight	373.00 g/mol
Purity	99.9 %
Morphology	spherical
Average Particle Size	55 nm
Specific Surface Area	20 m ² /g
Relative Density	7.81 g/cm ³
Melting point	2340°C

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3 OTHER INFORMATION

DISCLAIMER

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