

Technical Data Sheet

Cerium(IV) oxide

Revision Date: 11/7/2025

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

Product name	Cerium(IV) oxide powder
Product code	NO-0017-UP
CAS	1306-38-3
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

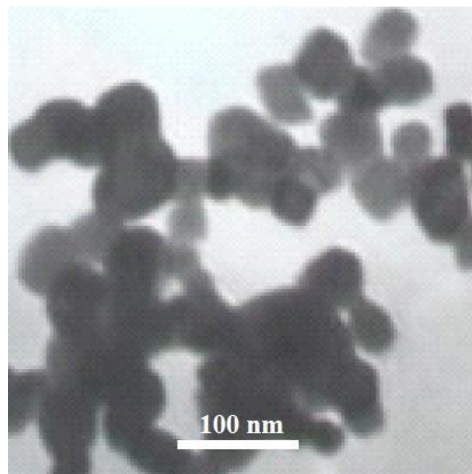
Ingredient name	Cerium(IV) oxide
CAS No.	1306-38-3
Empirical Formula	CeO ₂
Molecular weight	172.12 g/mol
Purity	99.95%
Average Particle Size	50 – 80 nm (BET)
Specific Surface Area	11 – 17 m ² /g (BET)
Relative Density	7.65 g/cm ³
Melting point	2600°C

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3 TEM IMAGE



4 OTHER INFORMATION

DISCLAIMER

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