

Technical Data Sheet

Cerium(IV) oxide powder

Revision Date: 05/07/2024

Date Issued: 05/07/2024

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

Product name	Cerium(IV) oxide powder
Product code	NO-0029-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	99.9 %
Morphology	spherical
Average Particle Size	15-30 nm
Specific Surface Area	30-50 m ² /g
Bulk Density	< 0.2 g/cm ³
Relative Density	7.13 g/cm ³

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Melting point 2600°C

3 OTHER INFORMATION

DISCLAIMER

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