

Technical Data Sheet

Cerium(IV)oxide

Date Issued: 2019-08-13

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

Product name	Cerium(IV)oxide
Product code	NO-0017-UP
Supplier	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
Telephone	+49 (0)7131 - 898390
Fax	+49 (0)7131 - 89839109
Emergency telephone	+49 (0)179 - 5322578

2 COMPOSITION / INFORMATION ON INGREDIENTS

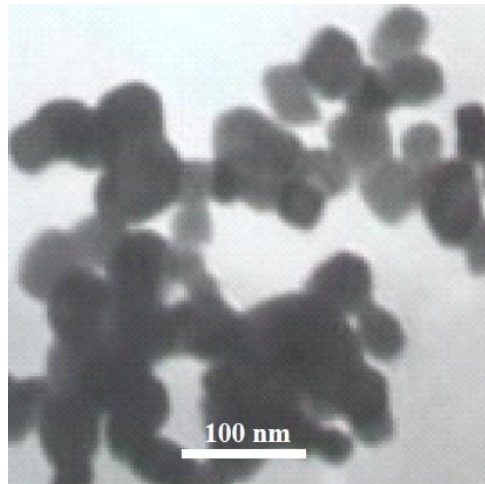
Ingredient name	Cerium(IV)oxide
CAS No.	1306-38-3
Empirical Formula	CeO ₂
Molecular weight	172.12 amu
Purity	99.95%
Average Particle Size (BET)	50-80 nm
Specific Surface Area (BET)	11-17 m ² /g
Colour	pale yellow
True Density	7.65 g/cm ³
Melting point	2600°C

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3 TRANSMISSION ELECTRON MICROSCOPY



5 OTHER INFORMATION

DISCLAIMER

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