

Technical Data Sheet

Cobalt(II,III)oxide

Revision Date: 11/7/2025

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

Product name	Cobalt(II,III)oxide powder
Product code	NO-0002-UP
CAS	1308-06-1
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	Cobalt(II,III)oxide
CAS No.	1308-06-1
Empirical Formula	Co ₃ O ₄
Molecular weight	240.80 g/mol
Purity	99.8+%
Average Particle Size	~ 30 nm (BET)
Specific Surface Area	> 40 m ² /g (BET)
Bulk Density	-
True Density	6.11 g/cm ³

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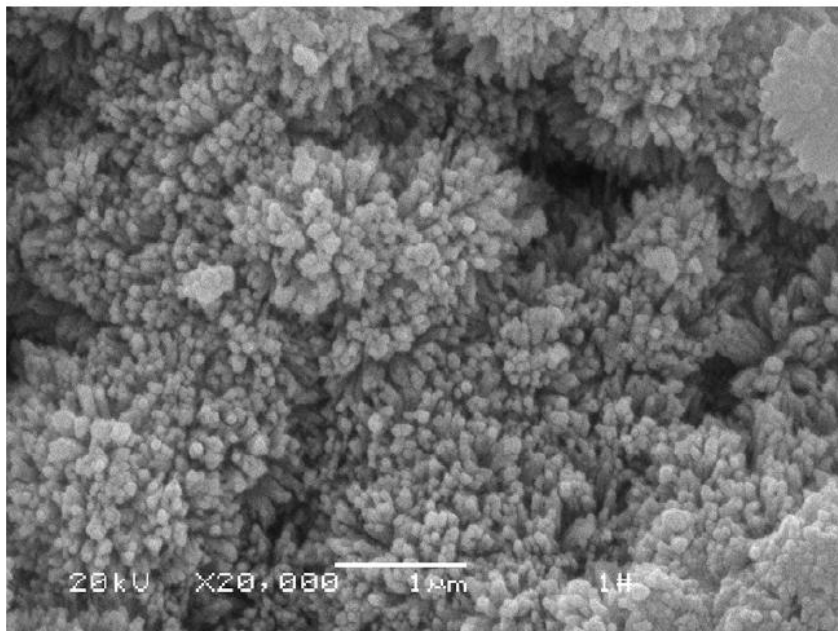
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Melting point >900°C

Boiling point -

3 SCANNING ELECTRON MICROSCOPY



4 OTHER INFORMATION

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