

Technical Data Sheet

gamma-Aluminium oxide

Revision Date: 11/7/2025

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

Product name	Aluminium oxide powder
Product code	NO-0005-UP
CAS	1344-28-1
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

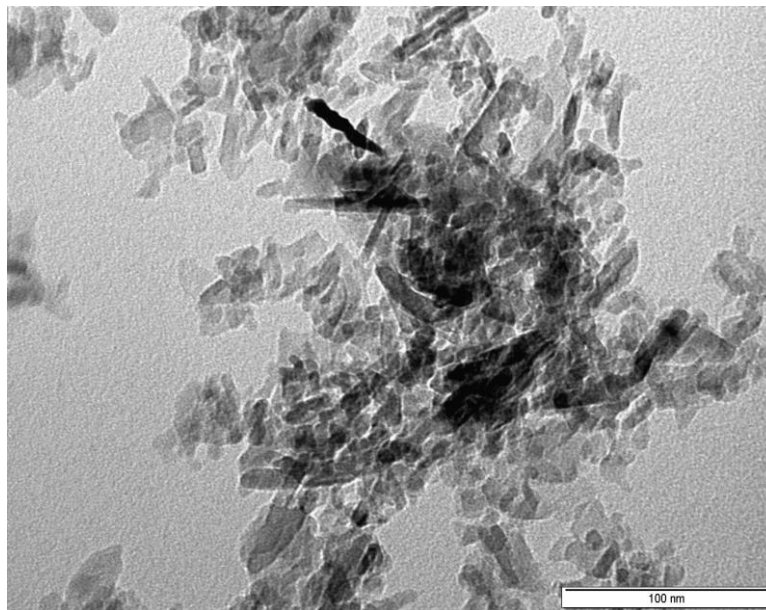
Ingredient name	Aluminium oxide, gamma
CAS No.	1344-28-1
Empirical Formula	Al ₂ O ₃
Molecular weight	101.96 g/mol
Purity	99.9%
Average Particle Size	20-50 nm (BET)
Specific Surface Area	> 200 m ² /g (BET)
Relative Density	3.6 g/cm ³
Melting point	2045°C
Boiling point	2980°

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3 TRANSMISSION ELECTRON MICROSCOPY



4 OTHER INFORMATION

DISCLAIMER

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