

Technical Data Sheet

gamma-Aluminium oxide

Revision Date: 05/15/2024

Date Issued: 05/15/2024

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

Product name	Aluminium oxide powder
Product code	NO-0036-HP
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+ %
Average Particle Size	20 nm (D50)
Specific Surface Area	> 100 m ² /g
Relative Density	3.5 – 3.9 g/cm ³

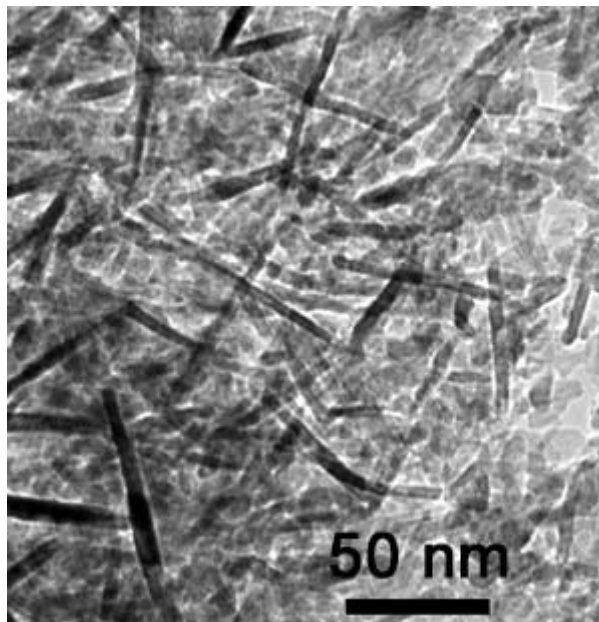
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3 TRANSMISSION ELECTRON MICROSCOPY



4 CONTENT OF IMPURITIES

Impurity	Content
Ca	20 ppm
Fe	20 ppm
Si	20 ppm
K	10 ppm
Na	10 ppm

5 OTHER INFORMATION

DISCLAIMER

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