

Technical Data Sheet

Iron(II,III)oxide powder

Revision Date: 6/11/2026

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

Product name	Iron(II,III)oxide powder
Product code	NO-0088-UP
CAS	1317-61-9
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	Iron(II,III)oxide
CAS No.	1317-61-9
Empirical Formula	Fe ₃ O ₄
Molecular weight	231.53 g/mol
Purity	99.9%
Morphology	spherical
Average Particle Size	300 nm

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3 CONTENT OF IMPURITIES

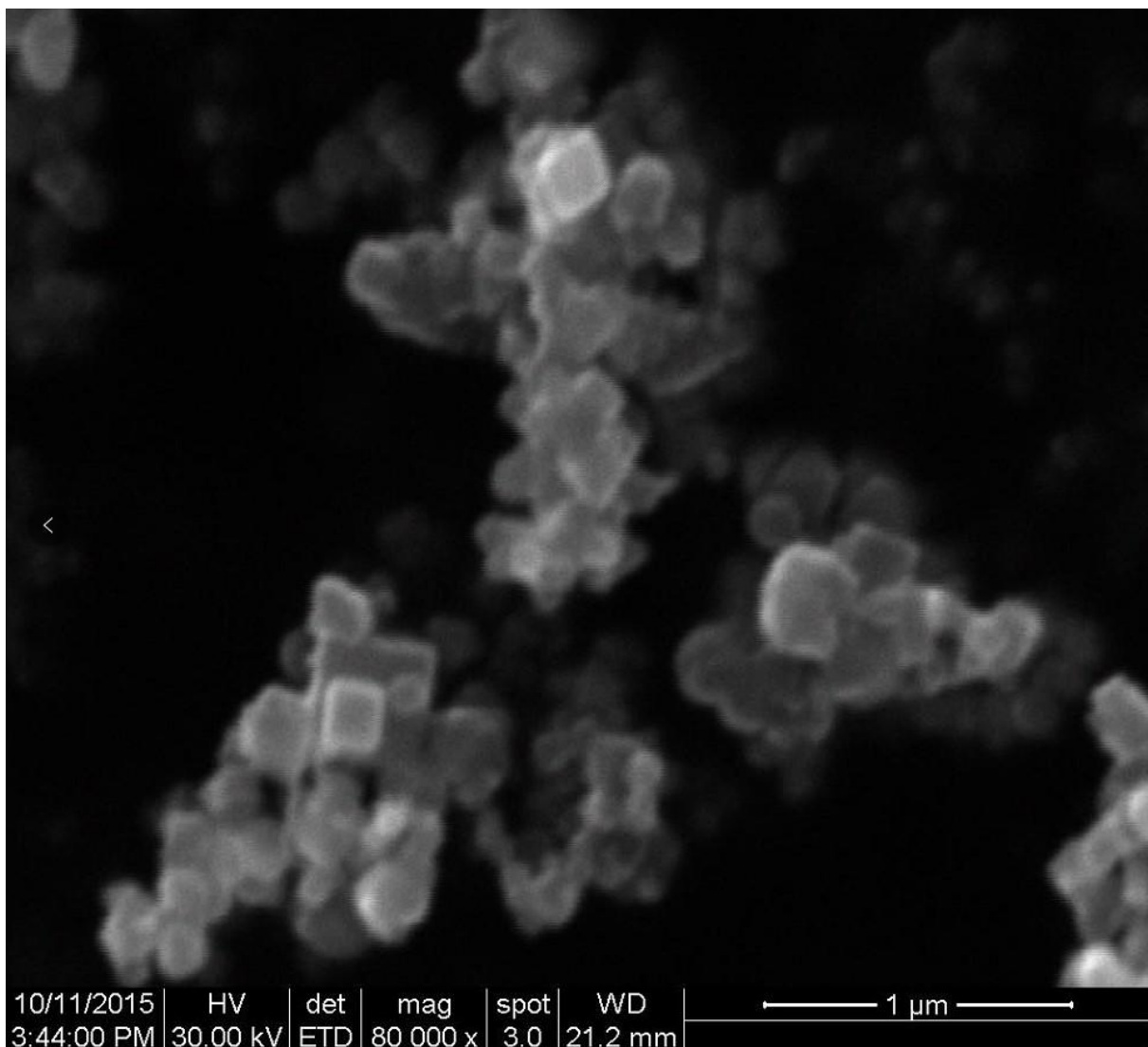
Impurity	Content
Al	≤ 0.02 %
Zn	≤ 0.005 %
Mg	≤ 0.02 %
W	≤ 0.005 %
Cu	≤ 0.005 %
Ca	≤ 0.02 %
Na	≤ 0.005 %
Co	≤ 0.005 %
Ni	≤ 0.005 %
Si	≤ 0.005 %
Pb	≤ 0.005 %
K	≤ 0.005 %
P	≤ 0.005 %
C	≤ 0.005 %
S	≤ 0.005 %

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4 SCANNING ELECTRON MICROSCOPY



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5 OTHER INFORMATION

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