

Technical Data Sheet

Stainless steel powder

Revision Date: 8/18/2025

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

Product name Stainless steel powder
Product code NM-0035-HP
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)176 - 84850874

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name Stainless steel
Empirical Formula Fe
CAS No. 65997-19-5
Molecular weight 55.85 g/mol
Purity 99.9% (metal basis)
Average Particle Size 60-80 nm
Colour Black
Morphology Spherical
True Density 7.99 g/cm³
Melting range 2400 – 2800°C

Components	Contents (%)
C	0.03 max.

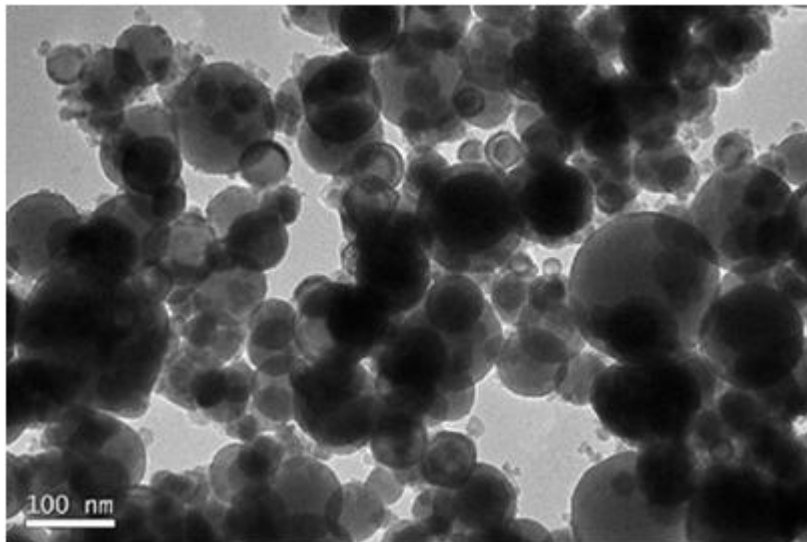
Technical Data Sheet

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Revision Date: 8/18/2025

Mn	2.00 max.
P	0.045 max.
S	0.03 max.
Si	0.75 max.
Cr	16.0 – 18.0
Ni	10.0 – 14.0
Mo	2.0 – 3.0
Ni	0.1 max
Fe	Balance

3 TRANSMISSION ELECTRON MICROSCOPY



4 OTHER INFORMATION

Technical Data Sheet

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