

Technical Data Sheet

Gold powder

Revision Date:8/18/2025

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

Product name	Gold powder
Product code	NM-0002-UP
CAS	7440-57-5
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	Gold
CAS No.	7440-57-5
Empirical Formula	Au
Molecular weight	196.97 g/mol
Purity	99.99+%
Morphology	spherical
Crystallographic phase	cubic
Average Particle Size	50 – 100 nm
Specific Surface Area	3.3 m ² /g
Color	brown
Relative Density	19.3 g/cm ³

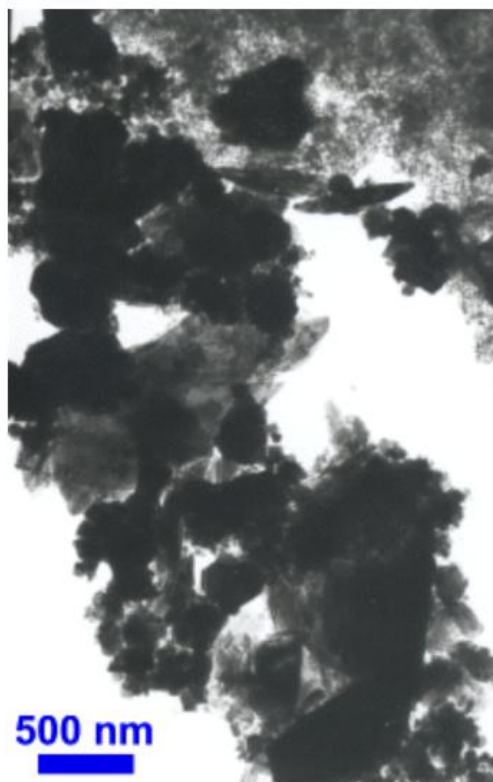
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Melting point	1036°C
Boiling point	2808°C

3 TEM IMAGE



4 OTHER INFORMATION

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