

# Technical Data Sheet

## Gold powder

Date Issued: 2019-08-14

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

<b>Product name</b>	Gold powder
<b>Product code</b>	NM-0002-UP
<b>Supplier</b>	IoLiTec Ionic Liquids Technologies GmbH Salzstrasse 184 D-74076 Heilbronn Germany
<b>Telephone</b>	+49 (0)7131 - 898390
<b>Fax</b>	+49 (0)7131 - 89839109
<b>Emergency telephone</b>	+49 (0)176 - 84850874
<b>Email</b>	msds@iolitec.de

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

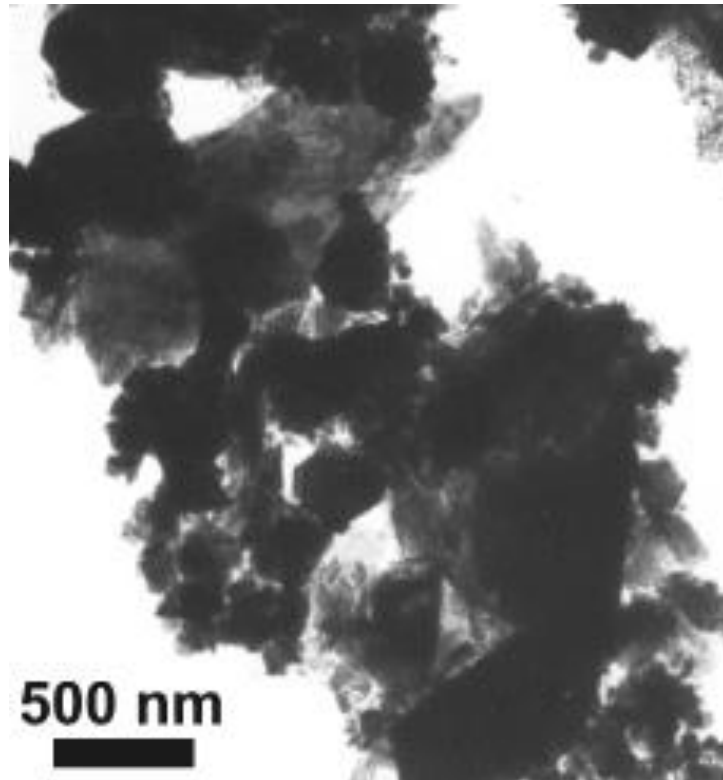
<b>Ingredient name</b>	Gold powder
<b>Empirical Formula</b>	Au
<b>CAS No.</b>	7440-57-5
<b>Molecular weight</b>	196.97 amu
<b>Purity</b>	99.99+ %
<b>Average particle size</b>	50-100 nm
<b>Specific Surface Area</b>	3.3 m <sup>2</sup> /g
<b>Color</b>	brown
<b>Morphology</b>	spherical
<b>Crystallographic Structure</b>	cubic

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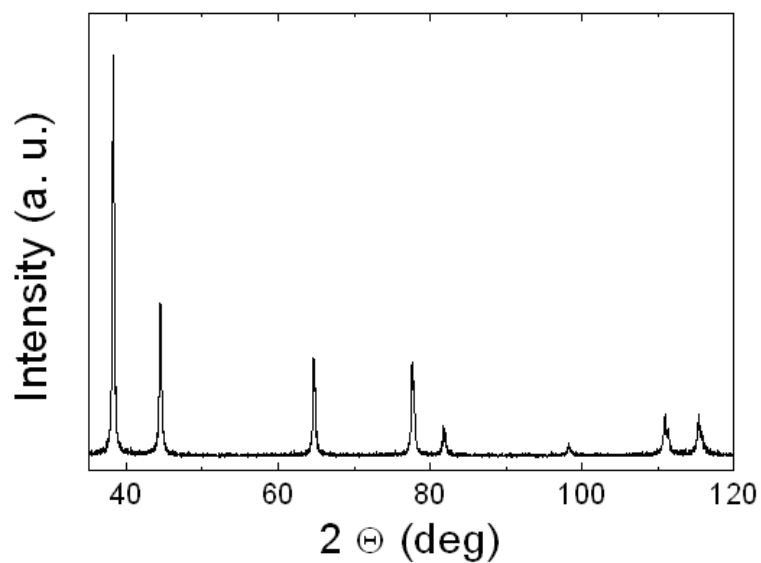
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## 3 TRANSMISSION ELECTRON MICROSCOPY



## 4 X-RAY DIFFRACTION PATTERN



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### 5 OTHER INFORMATION

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