

# Technical Data Sheet

## ITO Indium Tin Oxide

Date Issued: 2019-08-13

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

<b>Product name</b>	ITO Indium Tin Oxide
<b>Product code</b>	NO-0045-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

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

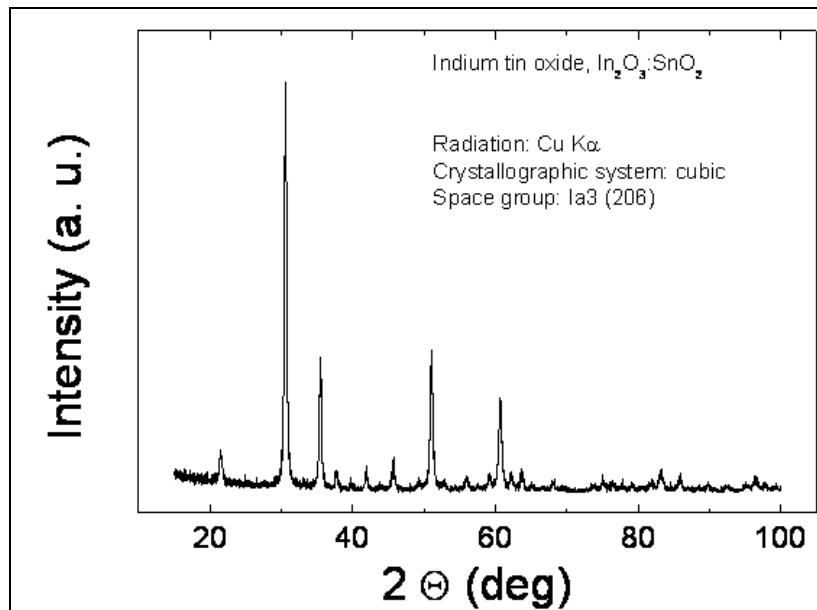
<b>Ingredient name</b>	ITO Indium Tin Oxide
<b>CAS No.</b>	50926-11-9
<b>Empirical Formula</b>	$\text{In}_2\text{O}_3:\text{SnO}_2$ (9:1)
<b>Molecular weight</b>	~265 amu
<b>Purity</b>	99.99 %
<b>Average Particle Size (BET)</b>	20-70 nm
<b>Specific Surface Area (BET)</b>	24 m <sup>2</sup> /g
<b>Color</b>	yellowish green
<b>Morphology</b>	irregular

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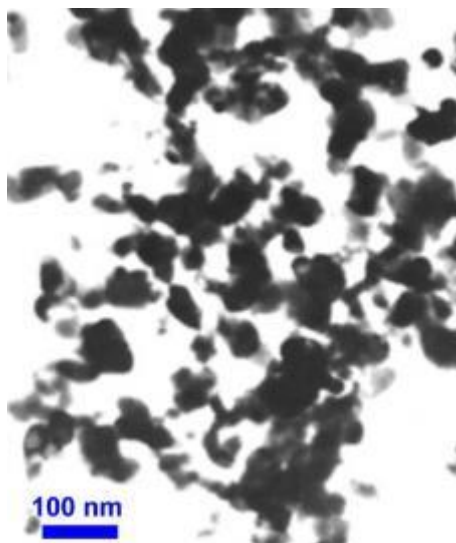
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### 3 XRD PATTERN



### 4 TRANSMISSION ELECTRON MICROSCOPY



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### 5 OTHER INFORMATION

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