

# Technical Data Sheet

## Antimony(III)oxide powder

Date Issued: 2019-08-14

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

<b>Product name</b>	Antimony(III)oxide powder
<b>Product code</b>	NO-0010-HP
<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

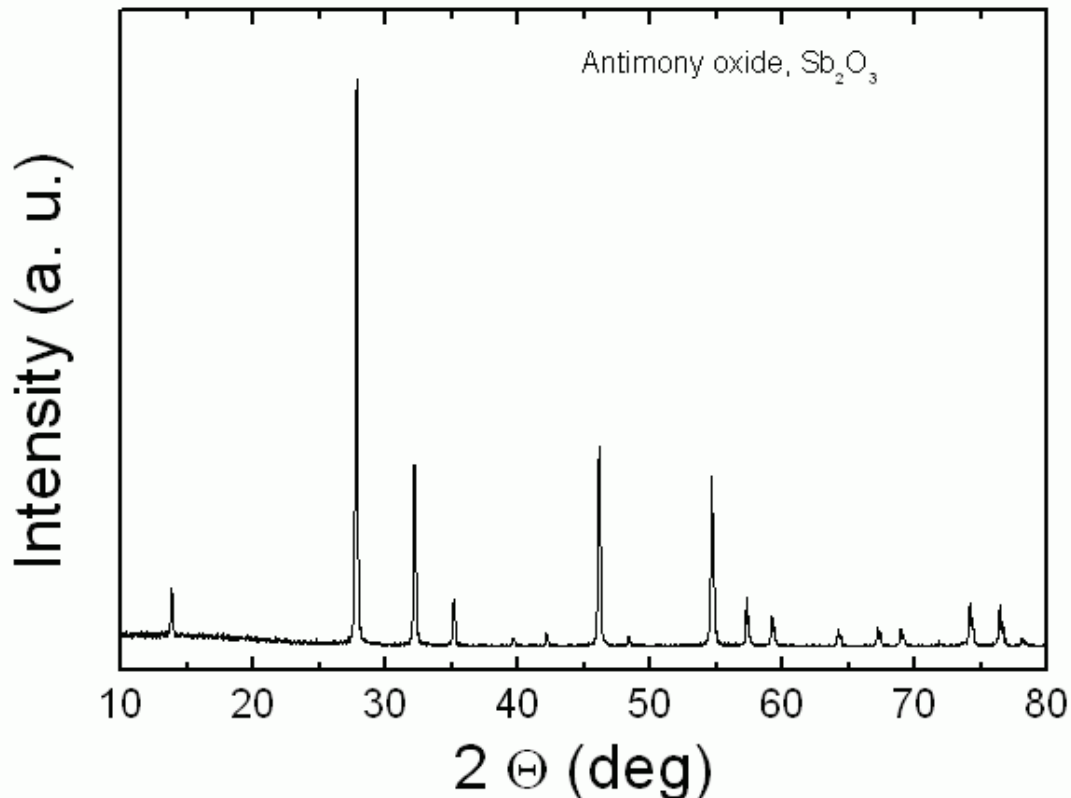
<b>Ingredient name</b>	Antimony(III)oxide
<b>CAS No.</b>	1309-64-4
<b>Empirical Formula</b>	Sb <sub>2</sub> O <sub>3</sub>
<b>Molecular weight</b>	291.52 amu
<b>Purity</b>	99.9+ %
<b>Average Particle Size</b>	90-210 nm
<b>Specific Surface Area</b>	15.6 m <sup>2</sup> /g
<b>Color</b>	white
<b>Morphology</b>	spherical
<b>Bulk Density</b>	0.55 g/cm <sup>3</sup>
<b>True Density</b>	5.67 g/cm <sup>3</sup>
<b>Melting point</b>	656°C
<b>Boiling point</b>	2980°C

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### 3 XRD



### 4 OTHER INFORMATION

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