

## **Technical Data Sheet**

## alpha-Aluminium oxide powder

Date Issued: 2019-01-02

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

Product name	alpha-Aluminium oxide powder	
Product code	NO-0008-UP	
Supplier	loLiTec	
	Ionic Liquids Technologies GmbH	
	Salzstrasse 184	
	D-74076 Heilbronn	
	Germany	
Telephone	+49 (0)7131 - 898390	
Fax	+49 (0)7131 - 89839109	
Emergency telephone	+49 (0)179 - 5322578	

#### **2 COMPOSITION / INFORMATION ON INGREDIENTS**

Aluminium oxide, alpha	
1344-28-1	
Al <sub>2</sub> O <sub>3</sub>	
101.96 amu	
99.85 %	
100% alpha (by X-ray diffraction)	
40 nm (by X-ray line-broadening)	
150 ± 30 nm (BET)	
10 ± 2 m²/g (BET)	
white	
3.97 g/cm <sup>3</sup>	
2045°C	
2980°C	



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3 IMPURITIES		
B2O3 (wt%)	0.001	
CaO (wt%)	0.02	
Fe2O3 (wt%)	0.01	
MgO (wt%)	0.1	
Na2O (wt%)	0.07	
SiO2 (wt%)	0.02	

#### **4 OTHER INFORMATION**

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