

CERTIFICATE OF ANALYSIS

Product Name: alpha-Aluminum oxide powder

CAS Number: 1344-28-1

Product Number: NO-0008-HP

Lot:

Supplier: IoLiTec
Ionic Liquids Technologies GmbH
Salzstraße 184
D-74076 Heilbronn
Germany
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Analysis:

	Specification	0
Identity	pass	pass
Assay	99.85%	pass
Phase Structure (by X-ray diffraction)	100 % alpha	pass
Crystallite Size (X-ray line-broadening)	40 nm	pass
APS (BET)	150 ± 30 nm	pass
SSA (BET)	10 ± 2 m ² /g	pass
Appearance	white	conform
Date	07.01.2009	07.01.2014

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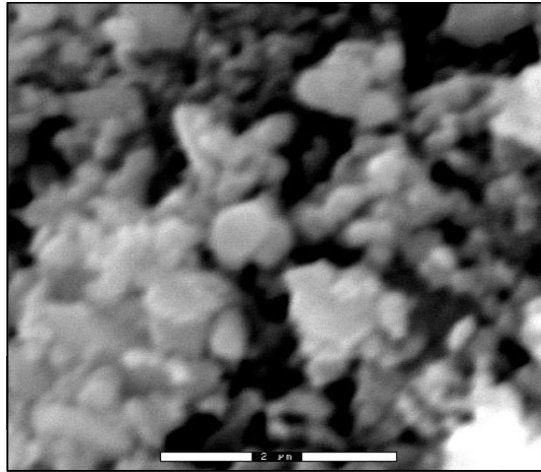
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SEM (typical)
Dimension bar: 2 μm



Analysis:

compound	wt%
Al ₂ O ₃	99.8
B ₂ O ₃	0.001
CaO	0.02
Fe ₂ O ₃	0.01
MgO	0.1
Na ₂ O	0.07
SiO ₂	0.02