

CERTIFICATE OF ANALYSIS

Product Name: Samarium(III)oxide powder

CAS Number: 12060-58-1

Product Number: NO-0028-UP

Supplier: IoLiTec
Ionic Liquids Technologies GmbH
Im Zukunftspark 9
D-74076 Heilbronn
Germany
Phone: +49 (0)7131 – 898390
Fax: +49 (0)7131 – 89839109
Email: info@iolitec.de

Analysis:

	Specification	
Identity	pass	
Assay	99.9%	
APS (BET)	30-50 nm	
SSA (BET)	12 - 20 m ² /g	
Appearance	white or pale yellow	
Date	30.11.2011	

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Contents

	Max. Impurities
CaO	50 ppm
CuO	5 ppm
Fe₂O₃	50 ppm
NiO	10 ppm
PbO	10 ppm
SiO₂	100 ppm
ZnO	10 ppm
Eu₂O₃	100 ppm
Gd₂O₃	100 ppm
Nd₂O₃	100 ppm
Pr₆O₁₁	100 ppm
Y₂O₃	100 ppm