

Labmix24 GmbH Kesseldorfer Rott 24 46499 Hamminkeln Germany Tel: +49 (0) 2852 96064 00 Fax: +49 (0) 2852 96064 24 Web: www.labmix24.com E-Mail: info@labmix24.com

<u>Powder Diffraction Line Profile Standard for Crystallite Size Analysis (Nano-Crystalline ZnO Powder)</u>

Art. ID NIST-1979

Unit 2 x 3 g

Deliverydetails No Dangerous Good /not restricted

Description

"This Standard Reference Material (SRM) is intended for use in the analysis of crystallite size through the degree of profile broadening in a powder diffraction experiment. A unit of SRM 1979 consists of two samples of zinc oxide powder, the first with a median crystallite size of approximately 15 nm and a second with a median of approximately 60 nm. These samples are referred to hereafter as the ""15 nm crystallites" and ""60 nm crystallites" respectively. Each sample contains approximately 3 g of powder bottled in an argon atmosphere."

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
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ent certificate						