

Powder Diffraction Line Profile Standard for Crystallite Size Analysis (Nano-Crystalline ZnO Powder)

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
Please ask for the current certificate						