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ABBREVIATIONS AND SYMBOLS

^{o}C = Degree Celcius

mm = Millimeter

nm = Nanometer

μm = Micrometer

Å = Angstrom

mg = Milligram

ml = Milliliter

EDS = Energy Dispersive X-ray Spectroscopy

FT-IR = Fourier-Transform Infrared Spectrometry

PL = Photoluminescence Spectrometry

SEM = Scanning Electron Microscopy

TEM = Transmission Electron Microscopy

XRD = X-Ray Diffraction Spectrometer

JCPDS = The Joint Committee for Powder Diffraction Standards