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ABBREVIATIONS AND SYMBOLS

°C = Degree Celsius

eV = Electron Volt

g = Gram

h = Hour

ml = Milliliter

nm = Nanometer

μm = Micrometer

JCPDS = The Joint Committee for Powder Diffraction

Standards

MW = Molecular Weight

FT-IR = Fourier-Transform Infrared Spectrometer

PL = Photoluminescence Spectrometer

SEM = Scanning Electron Microscope

TEM = Transmission Electron Microscope

XRD = X-ray Diffraction Spectrometer