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ABBREVIATIONS AND SYMBOLS

°C	=	Degree Celsius
nm	=	Nanometer
μm	=	Micrometer
ml	=	Milliliter
min	=	Minute
sec	=	Second
λ	=	Wavelength
cm	=	Centimeters
W	=	Watt
α	=	Alpha
β	=	Beta
γ	=	Gamma
Å	=	Angstrom
h	=	Hour
La	=	Lanthanum
Ce	=	Cerium
FTIR	=	Fourier Transform Infrared Spectroscopy
PL	=	Photoluminescence
SEM	=	Scanning Electron Microscopy

TEM	=	Transmission Electron Microscopy
XRD	=	X-ray Diffraction
JCPDS	=	The Joint Committee on Powder Diffraction Standards