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## List of Abbreviations and Symbols

A	=	absorbance
abs.	=	absorbance
acac	=	acetylacetonate
Cur	=	curcumin
d	=	cell length, centimeter (must be 1)
EtOH	=	ethanol
<i>K</i>	=	complex formation constant
K	=	Kelvin
L	=	ligand
IR	=	Infrared
M	=	molar (mole/liter)
MeOH	=	methanol (methyl alcohol)
NMR	=	nuclear magnetic resonance
SOD	=	superoxide dismutase
UV-Vis	=	ultraviolet and visible
°C	=	degree Celsius
$\epsilon$	=	molar extinction coefficient
$\lambda$	=	wavelength
concentration 2.0e-4M	=	concentration $2.0 \times 10^{-4}$ M