

List of Abbreviations

POMs	Polyoxometalates
LPOMs	Lacunary polyoxometalates
HPAs	Heteropolyacids
SiW ₁₂	Silicotungstic acid
SiW ₁₁	Monolacunary silicotungstate
MCM-41	Mobil Composition of Matter No. 41
H β	Zeolite HBeta
SiW ₁₂ /MCM-41	SiW ₁₂ anchored to MCM-41
SiW ₁₁ /MCM-41	SiW ₁₁ anchored to MCM-41
SiW ₁₂ /H β	SiW ₁₂ anchored to H β
SiW ₁₁ /H β	SiW ₁₁ anchored to H β
FFAs	Free Fatty Acids
TGs	Triglycerides
OA	Oleic acid
SO	Soybean oil
TON	Turn Over Number
TGA	Thermo Gravimetric Analysis
FT-IR	Fourier Transform Infrared Spectroscopy
XRD	X-ray Diffraction
SEM	Scanning Electron Microscopy
TEM	Transmission Electron Microscopy
