

LIST OF SYMBOLS AND ABBREVIATIONS

CHP	-	Cumene hydroperoxide
DSC	-	Differential scanning calorimetry
DTPA	-	Dodeca-tungstophosphoric acid
DTPA/MCM-41	-	Dodeca-tungstophosphoric acid impregnated on MCM-41
DTPA/SiO ₂	-	Dodeca-tungstophosphoric acid impregnated on silica
ECH	-	Epichlorohydrin
GC	-	Gas chromatography
GC-MS	-	Gas chromatography-Mass Spectroscopy
H ₀	-	Hammett acidity constant
HPA	-	Heteropoly acid
J/g	-	Joules per gram
m ² /g	-	metersquare per gram
mM	-	millimole
mW	-	milliwatt
m	-	minutes
Mont K10	-	Montmorillonite K10
Ce ³⁺ -montmorillonite K10	-	Montmorillonite K10 exchanged with Ce ³⁺ ions
Fe ³⁺ -montmorillonite K10	-	Montmorillonite K10 exchanged with Fe ³⁺ ions
La ³⁺ -montmorillonite K10	-	Montmorillonite K10 exchanged with La ³⁺ ions
Zn ²⁺ -montmorillonite K10	-	Montmorillonite K10 exchanged with Zn ²⁺ ions
ZnCl ₂ /MCM-41	-	Zinc chloride impregnated on MCM-41
ZnCl ₂ /montmorillonite K10	-	Zinc chloride impregnated on montmorillonite K10