

Electronic Supplementary Material

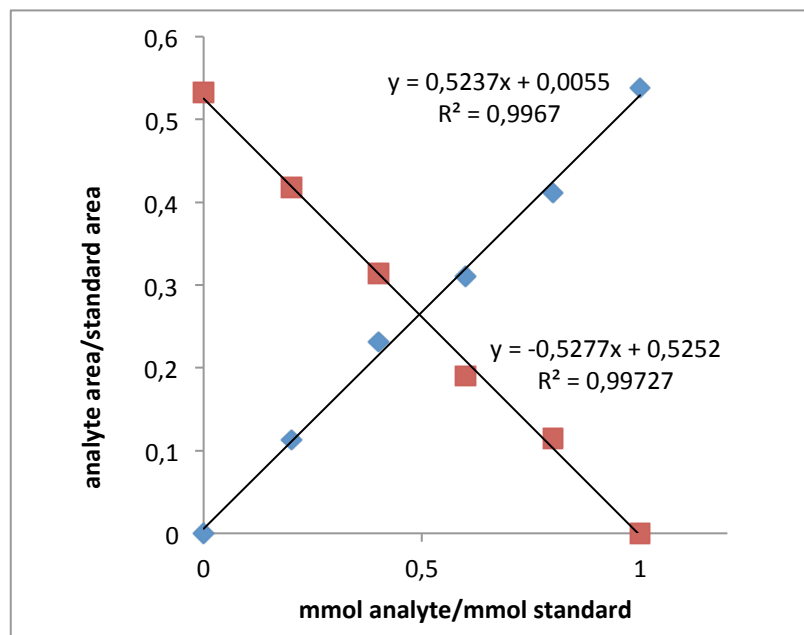
High catalytic performance of palladium nanoparticles supported on multiwalled carbon nanotubes in alkene hydrogenation reactions

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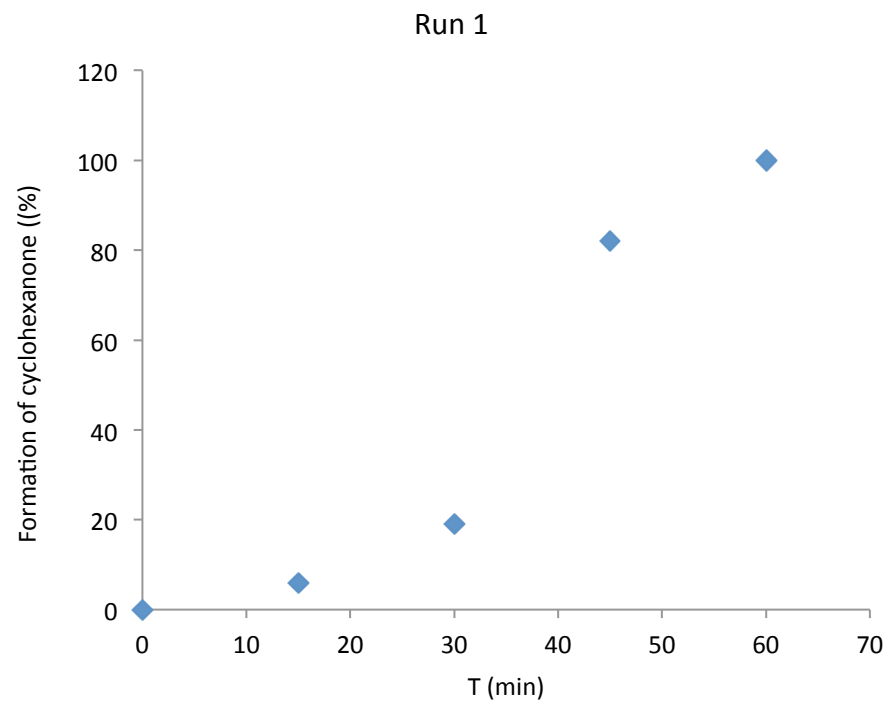
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S1	Calibration of reactant and product vs internal standard (decane)
S2	Formation of cyclohexanone (%) vs time (min), run 1
S3	Formation of cyclohexanone (%) vs time (min), run 2

mmol cyclohexenone/mmol standard	mmol cyclohexane/mmol standard	Area cyclohexenone/Área standar	Area cyclohexanone/Área standard
1	0	0,538284185	0
0,8	0,2	0,411018345	0,114431475
0,6	0,4	0,310962145	0,190234583
0,4	0,6	0,231070363	0,313550767
0,2	0,8	0,112891721	0,417090441
0	1	0	0,532548899



Time	Run 1	
	Formation of cyclohexanone	
0	0	0
15	6	6
30	19	19
45	82	82
60	100	100



Time	Run 2	
	Formation of cyclohexanone	
0	0	0
15	15	15
30	40	40
45	64	64
60	88	88
75	100	100

