**Table 1.** Effects of DEG/Water composition in the hydrolysis reaction of PC wastes

|  |  |  |  |
| --- | --- | --- | --- |
| Entry | DEG:Water  [g] | Reaction time  [min] | BPA recovery yield [%] |
| 1 | 2.25: 0.25 | 358 | 70 |
| 2 | 2.00: 0.50 | 228 | 80 |
| 3 | 1.75: 0.75 | 170 | 88 |
| 4 | 1.50:1.00 | 135 | 100 |

Reaction conditions: PC wastes (1.50 g), nano-Fe3O4@APTES (0.08 g).

**Table 2.** Effects of Nano-Fe3O4@APTES as heterocatalyst in the hydrolysis reaction of PC wastes

|  |  |  |  |
| --- | --- | --- | --- |
| Entry | Nano-Fe3O4@APTES  [g] | Reaction time  [min] | BPA recovery yield [%] |
| 1 | 0.0345 | 300 | 70 |
| 2 | 0.05 | 270 | 75 |
| 3 | 0.08 | 228 | 80 |
| 4 | 0.10 | 120 | 100 |

Reaction conditions: DEG (2.00 g), water (0.50 g), PC wastes (1.50 g).