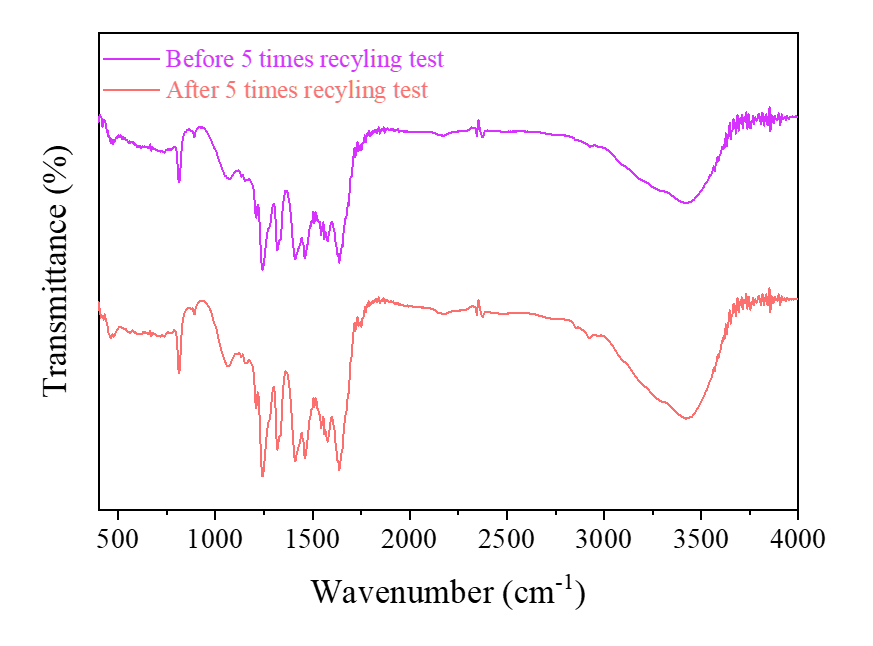
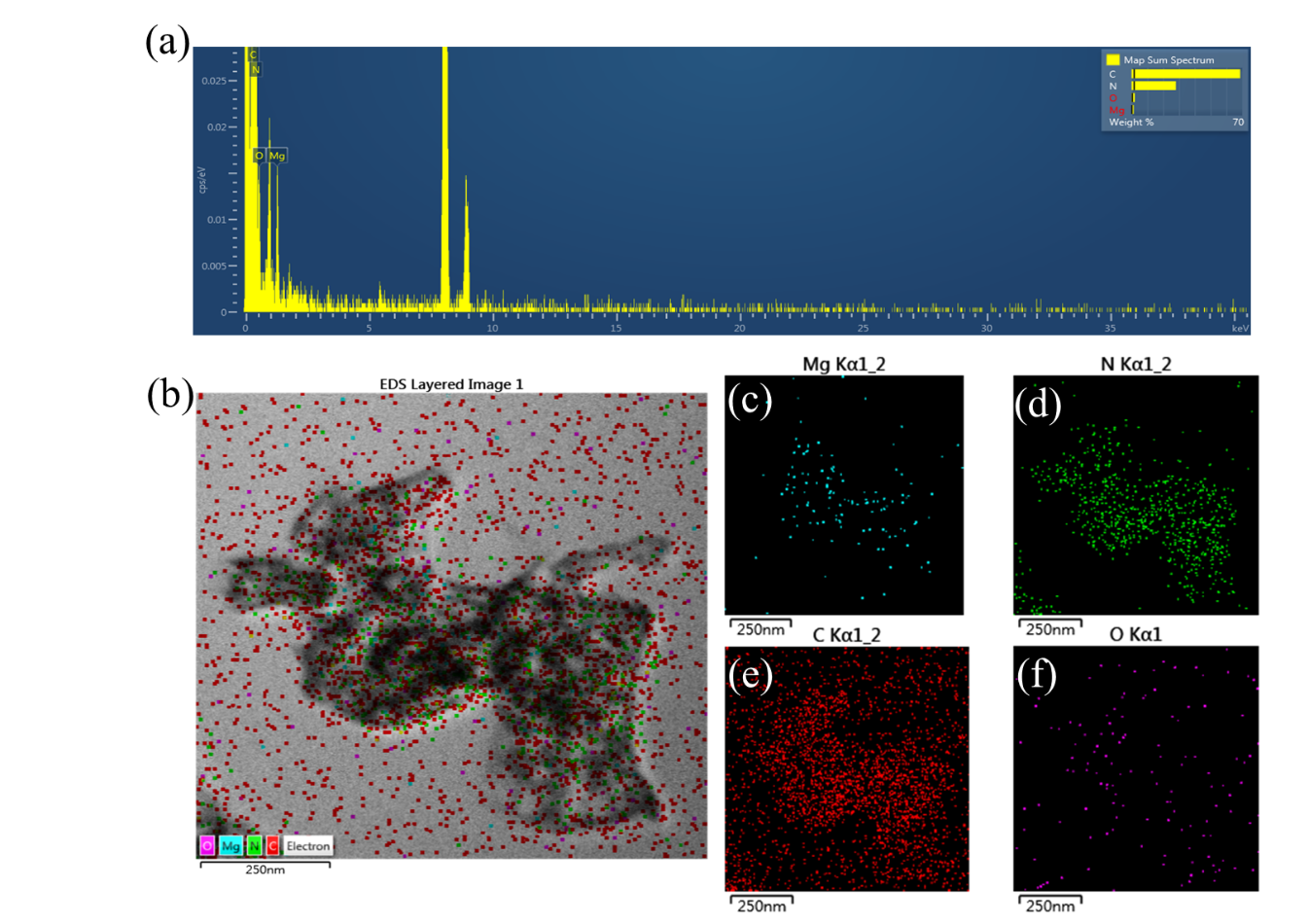
**Supporting Information**

Additional figures



**Fig. S1.** FTIR spectrum of the 3%MgO@g-C3N4 before and after recycling tests.



**Fig. S2.** TEM-EDS-mapping of the 3%MgO@g-C3N4.