

Supplementary material

**Dehydrochlorination activity of polyvinylchloride using Al-modified
graphitic-C₃N₄**

**Song Yi Bae¹, Seong Ho Jeon¹, Young Hoo Lee¹, Dong Hyun Lee¹, Hyeong San Kye²,
Jong Wook Bae^{1*}**

¹School of Chemical Engineering, Sungkyunkwan University (SKKU), Suwon, Gyeonggi-do,
440-746, Republic of Korea

²Department of Advanced Chemical Engineering, Mokwon University, Deajeon, 302-729,
Republic of Korea

Supplementary **Figure S1** represents the N₂ adsorption-desorption isotherms of the Al-modified g-C₃N₄.

Supplementary **Figure S2** represents the FT-IR spectra of the fresh Al-modified g-C₃N₄.

Supplementary **Figure S3** represents the CO₂-TPD patterns of the fresh Al-modified g-C₃N₄.

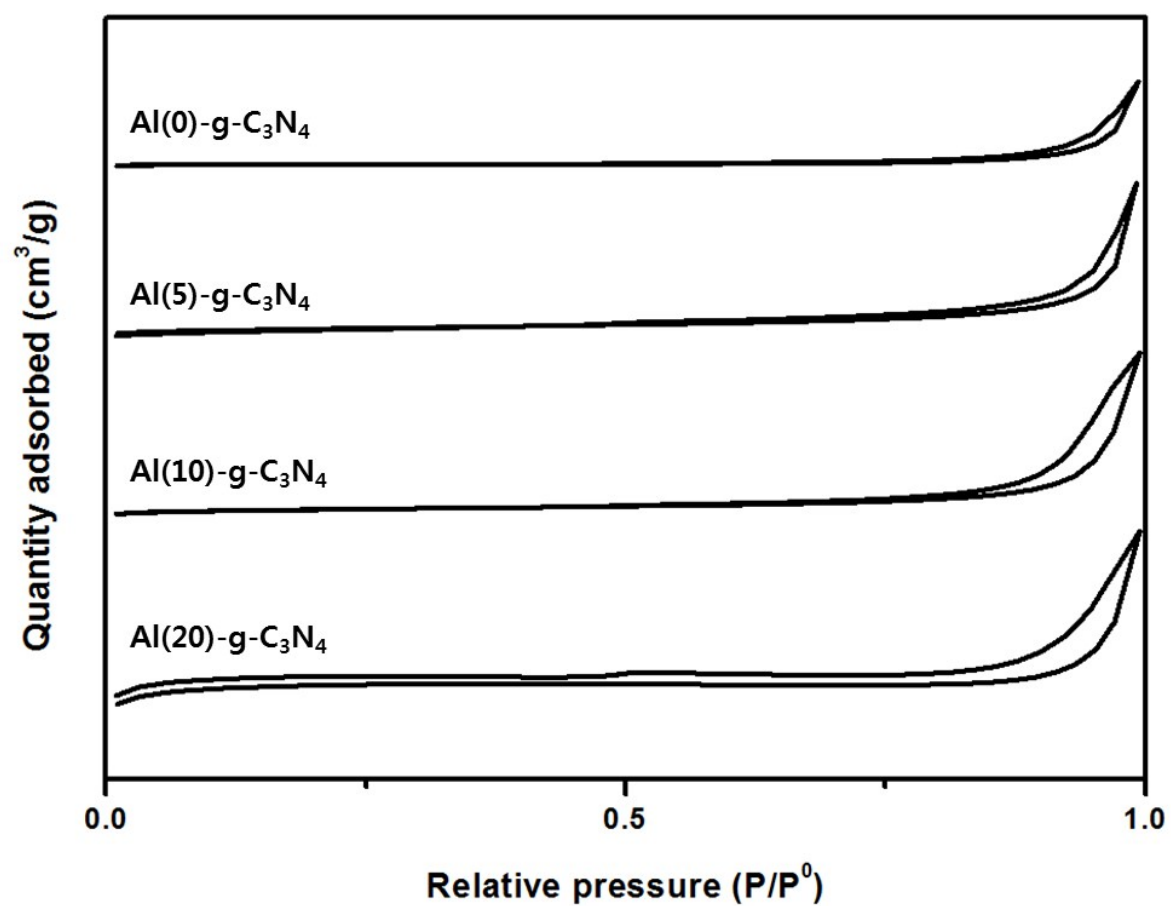


Figure S1. N₂ adsorption-desorption isotherms of the Al-modified g-C₃N₄

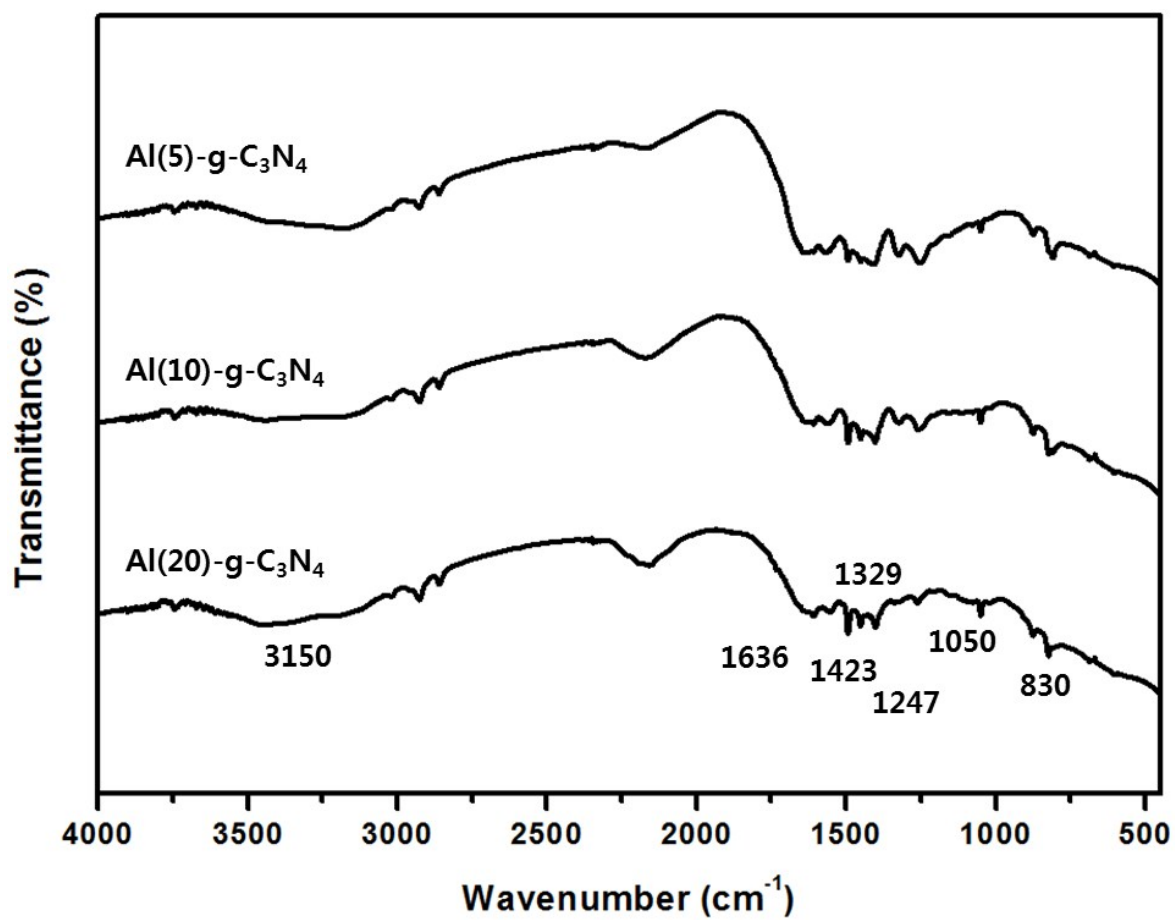


Figure S2. FT-IR spectra of the fresh Al-modified g-C₃N₄

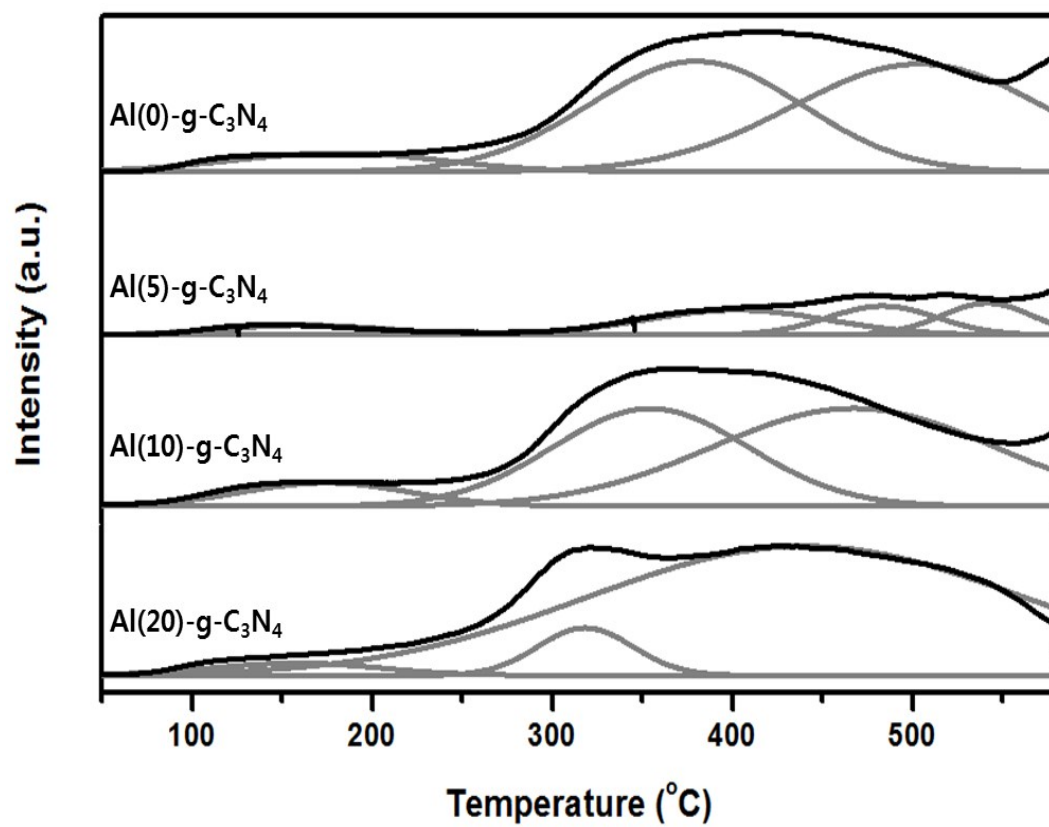


Figure S3. CO₂-TPD patterns of the fresh Al-modified g-C₃N₄