

Supporting Information for Ionic Porous Organic Polymers Based on Functionalized Tetraarylborates

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1. NMR spectra of precursors 1-2.

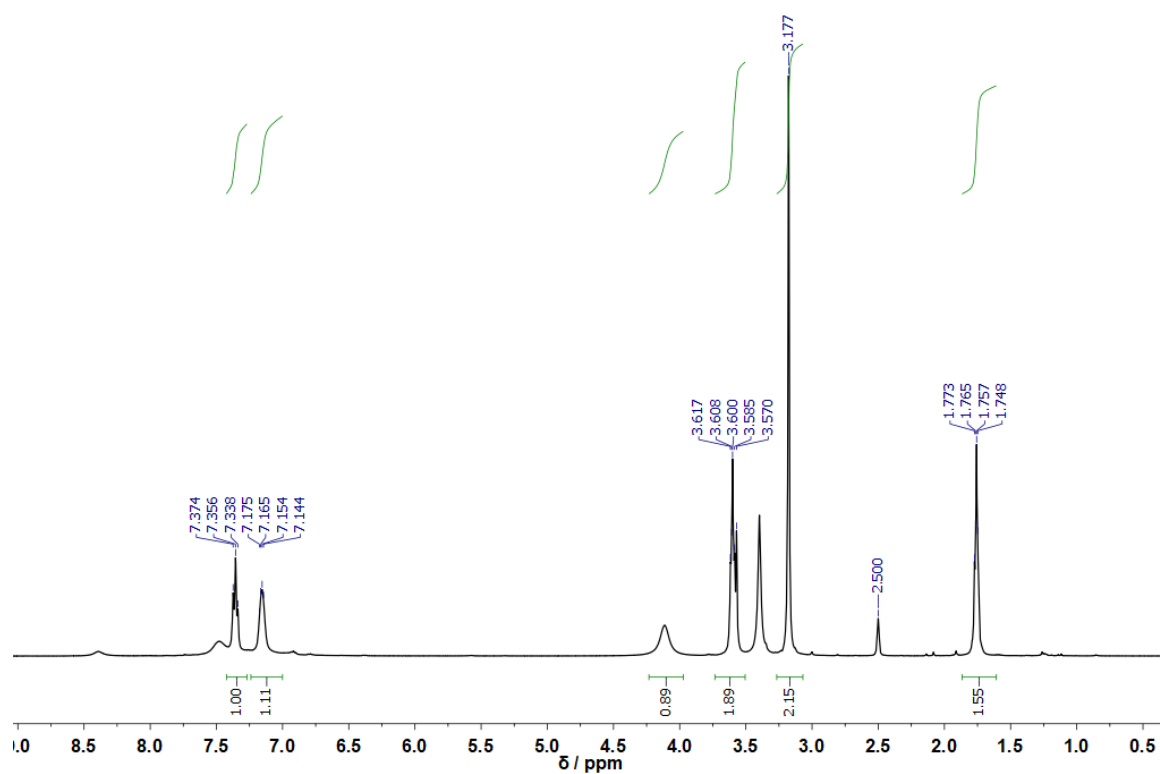


Figure S1. ¹H NMR (400 MHz, DMSO-*d*₆) spectrum of 1.

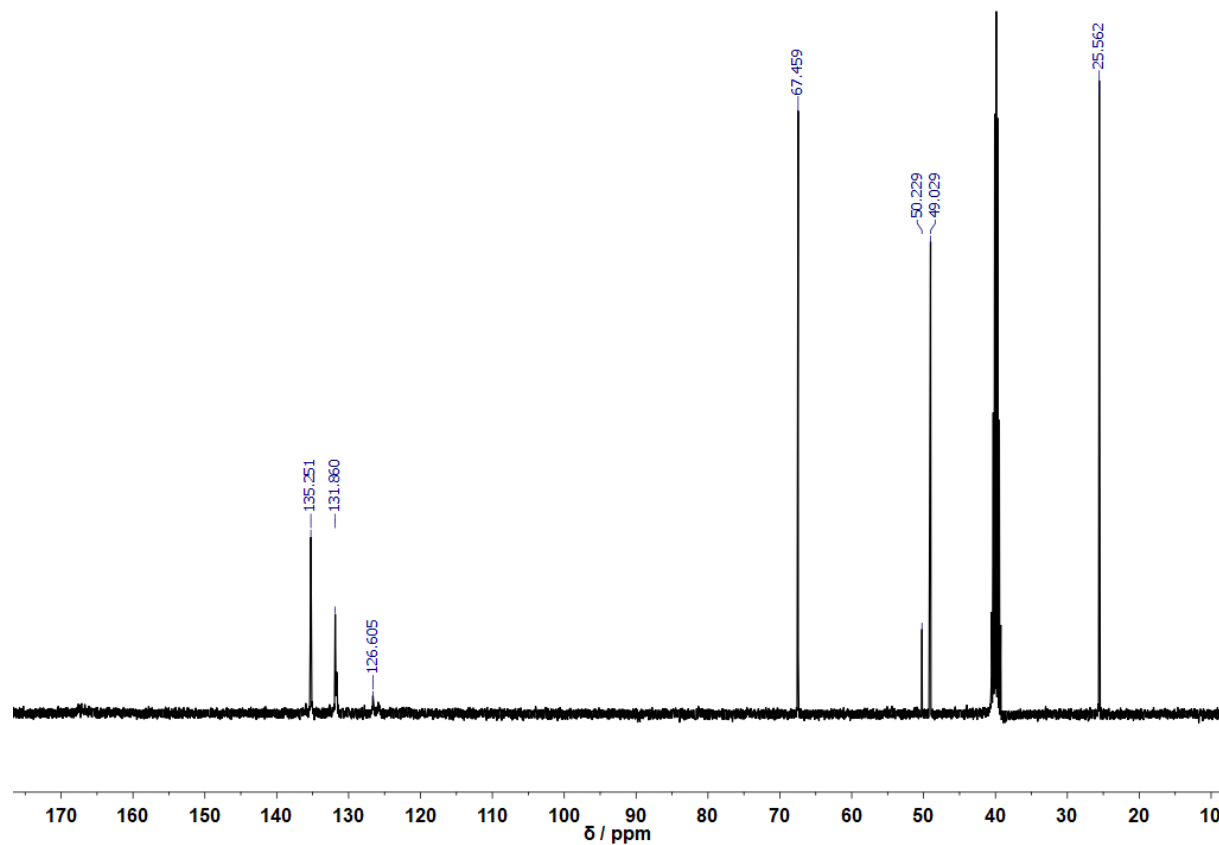


Figure S2. ¹³C NMR (101 MHz, DMSO-*d*₆) spectrum of 1.

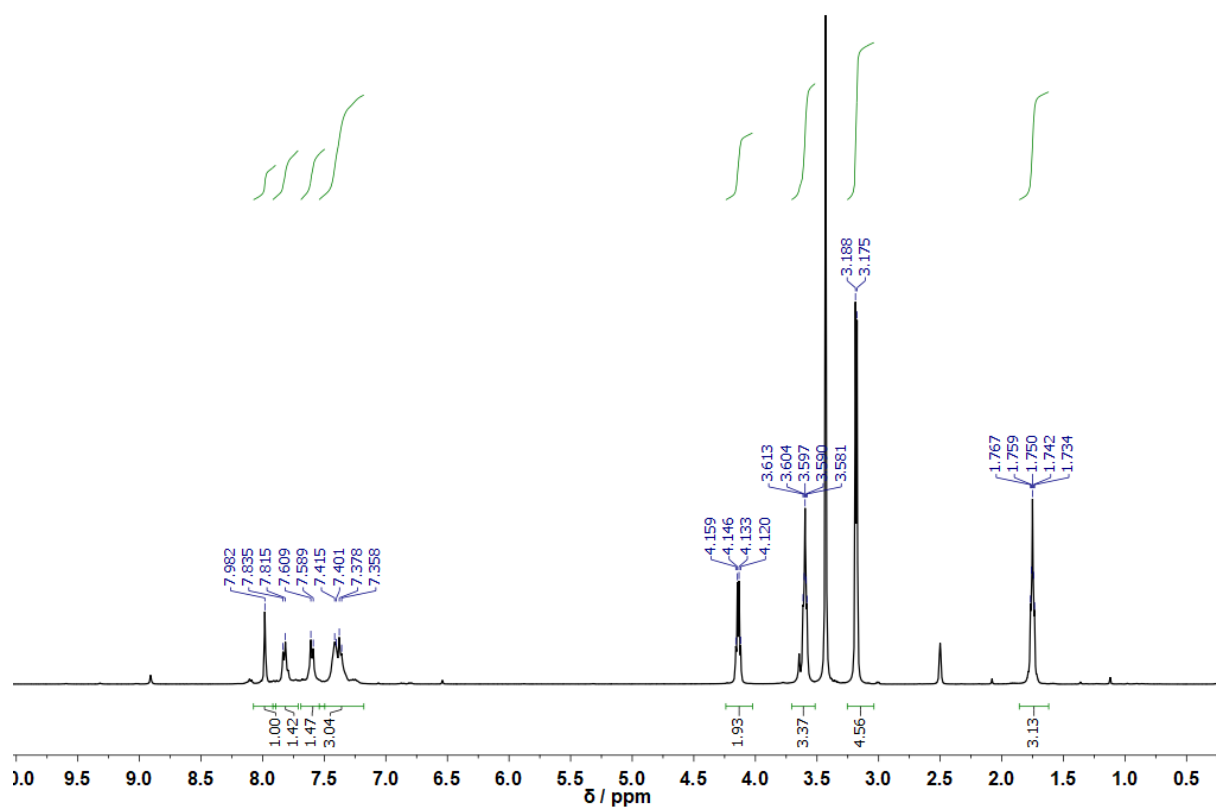


Figure S3. ¹H NMR (400 MHz, DMSO-*d*₆) spectrum of 2.

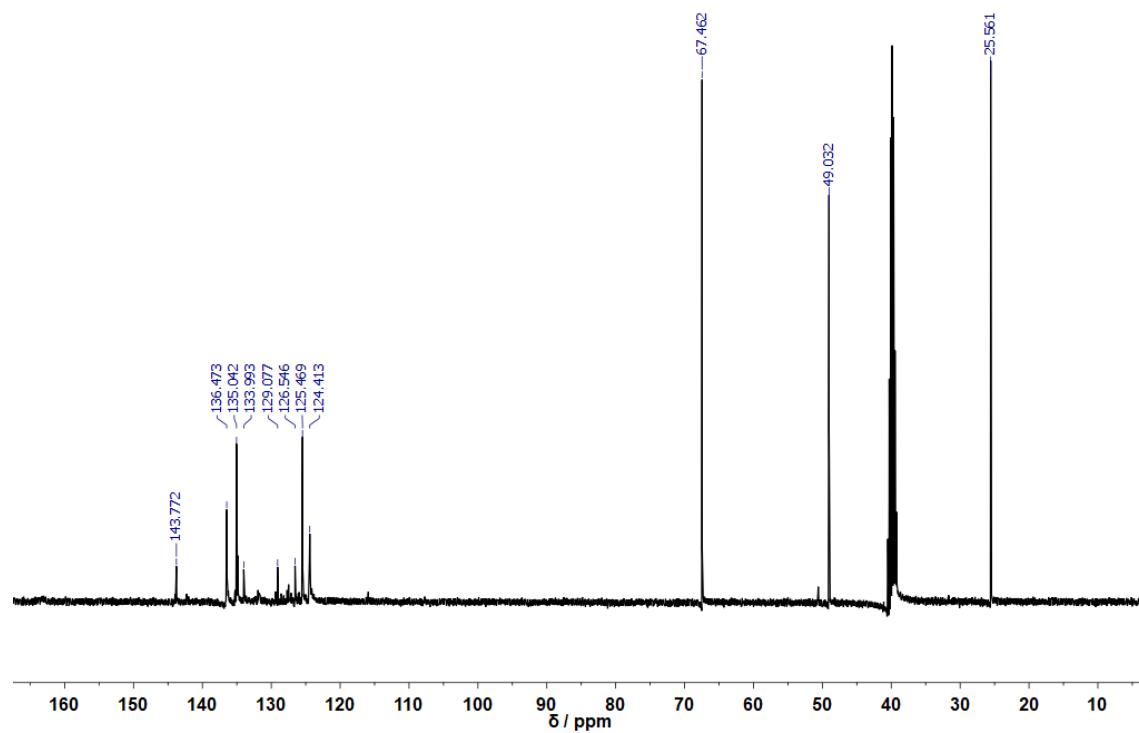


Figure S4. ¹³C NMR (101 MHz, DMSO-*d*₆) spectrum of 2.

2. MAS NMR spectra

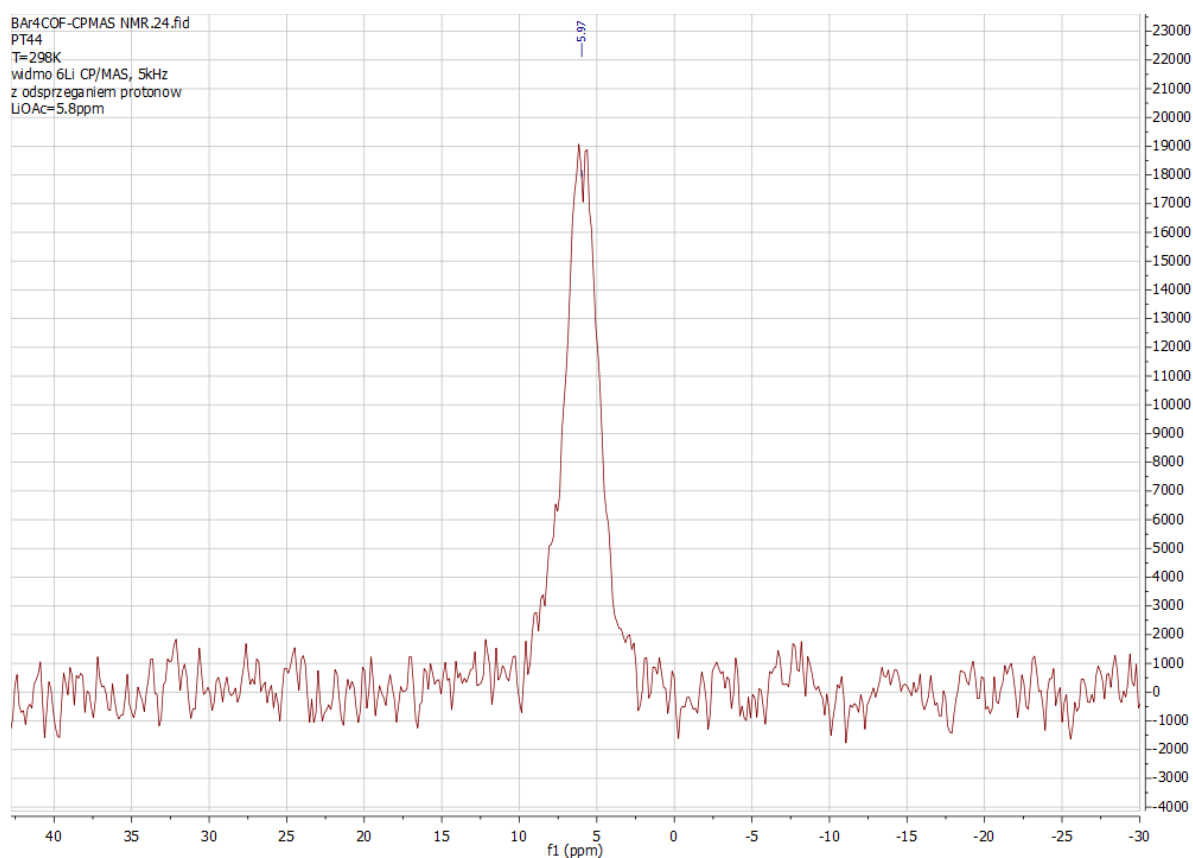


Figure S5. ${}^6\text{Li}$ MAS NMR spectrum of TAB1.

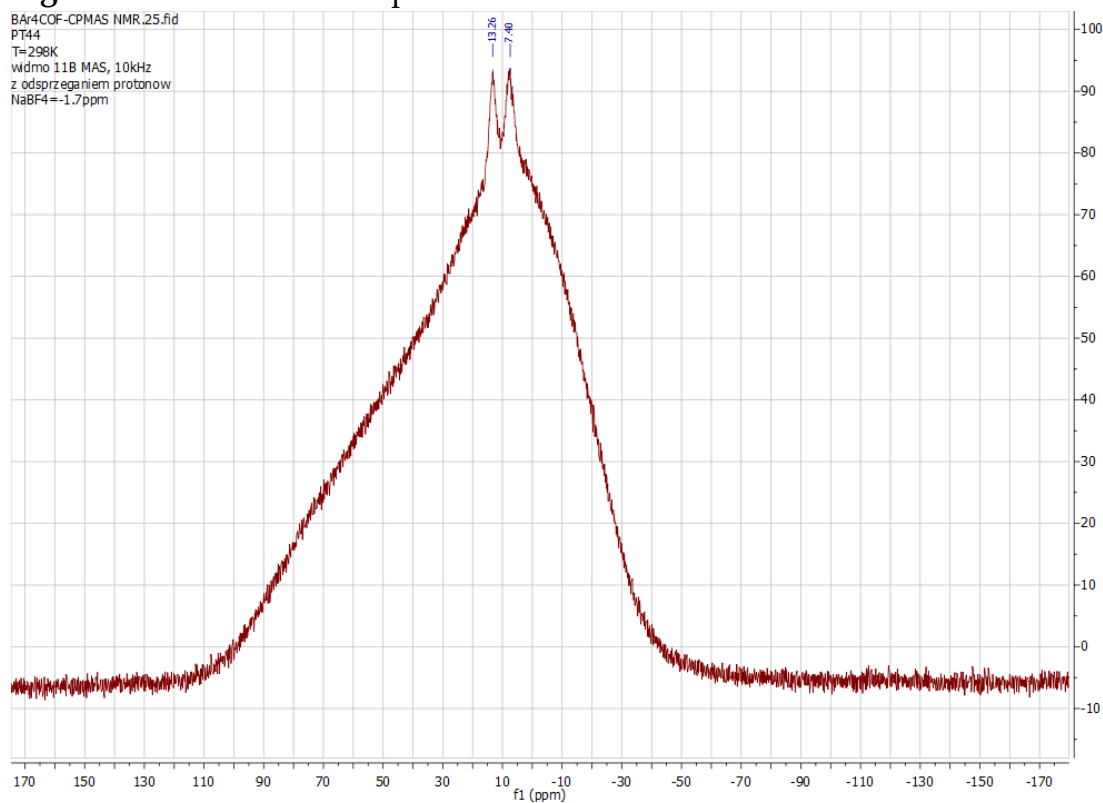


Figure S6. ${}^{11}\text{B}$ MAS NMR spectrum of TAB1.

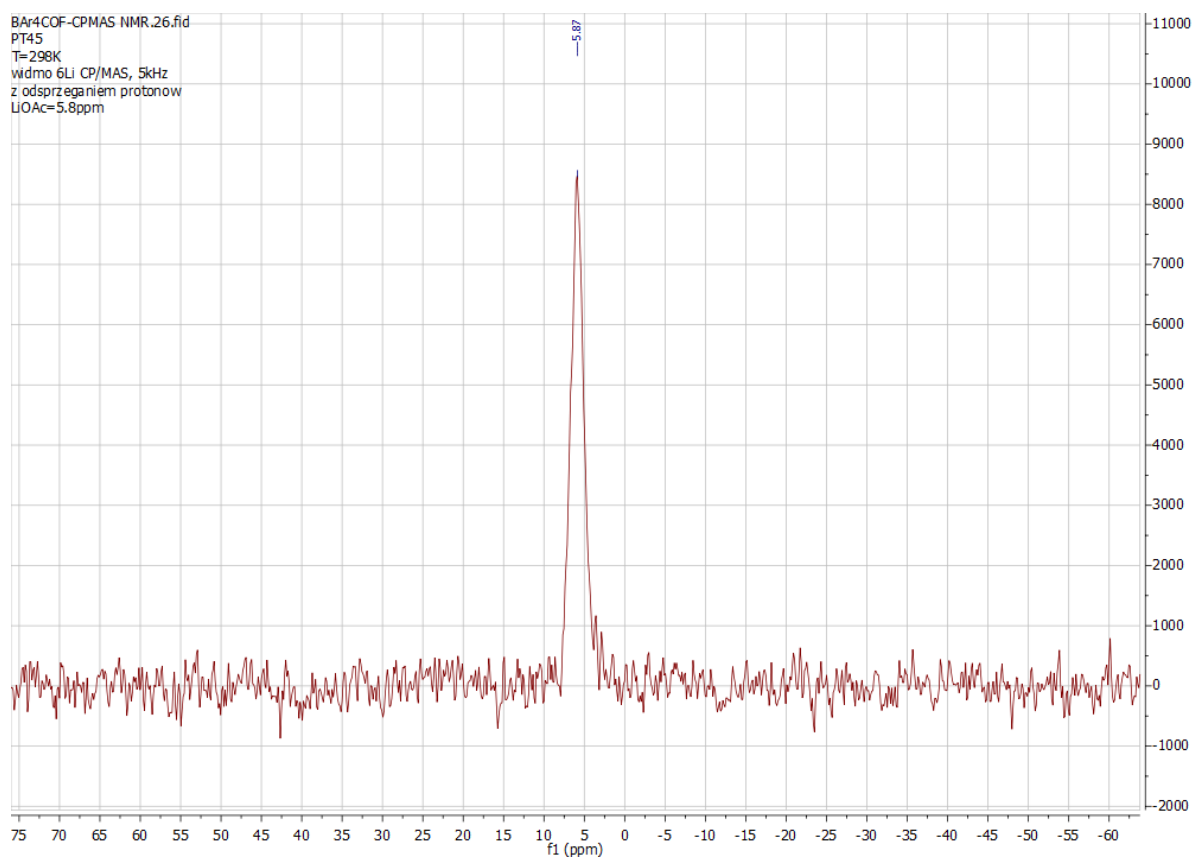


Figure S7. ${}^6\text{Li}$ MAS NMR spectrum of TAB2.

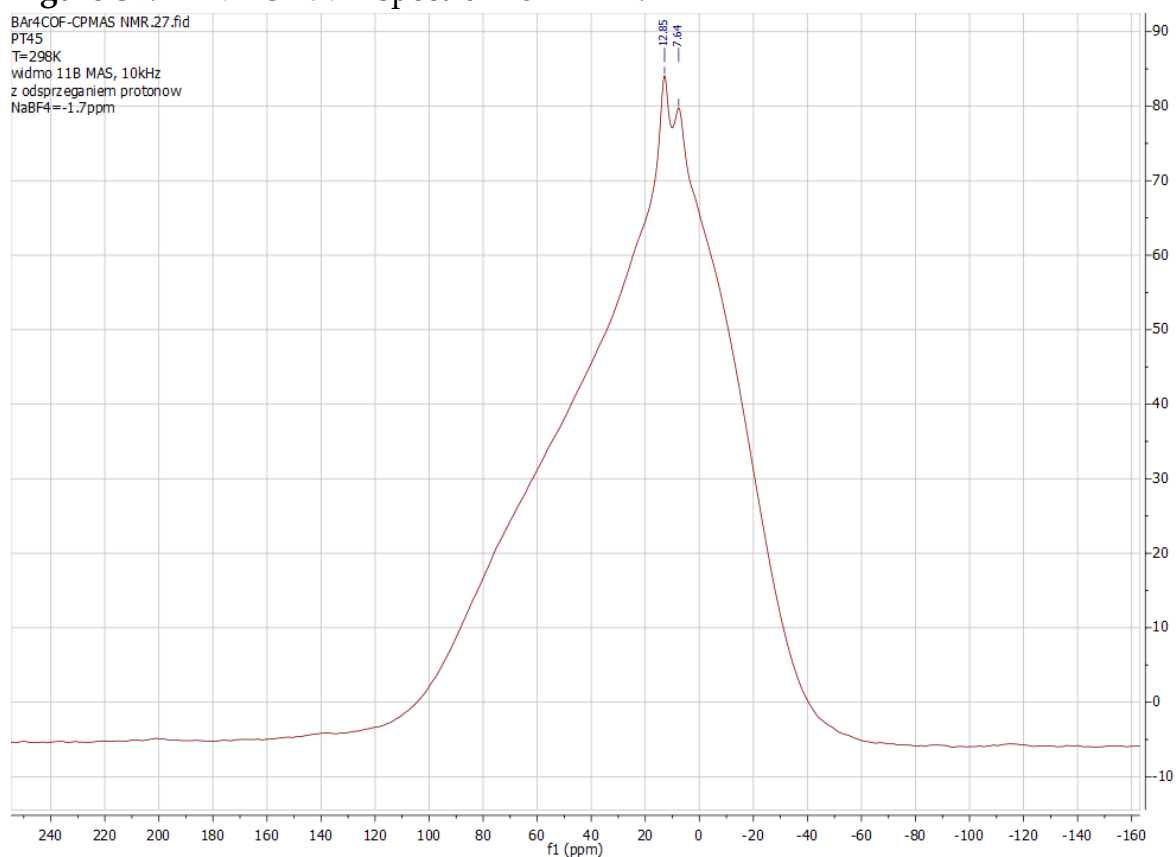


Figure S8. ${}^{11}\text{B}$ MAS NMR spectrum of TAB2.

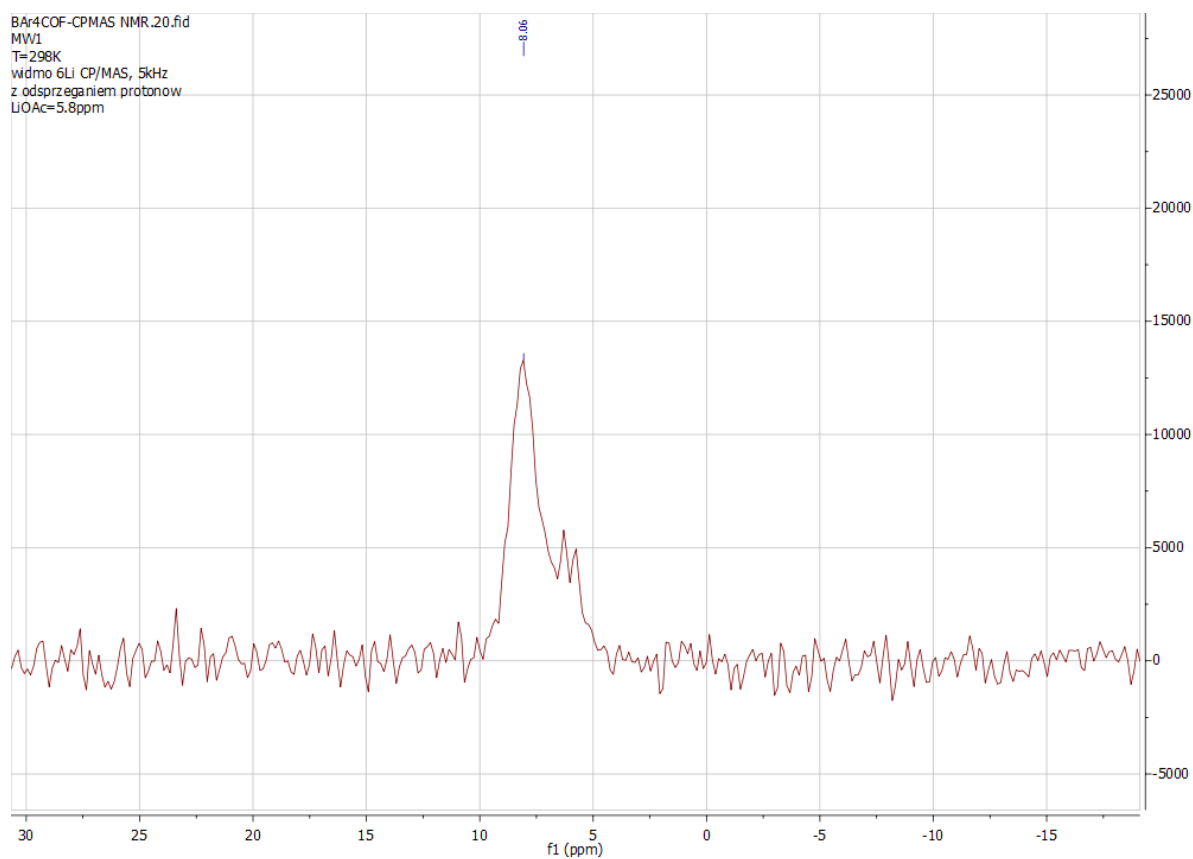


Figure S9. ${}^6\text{Li}$ MAS NMR spectrum of TAB3.

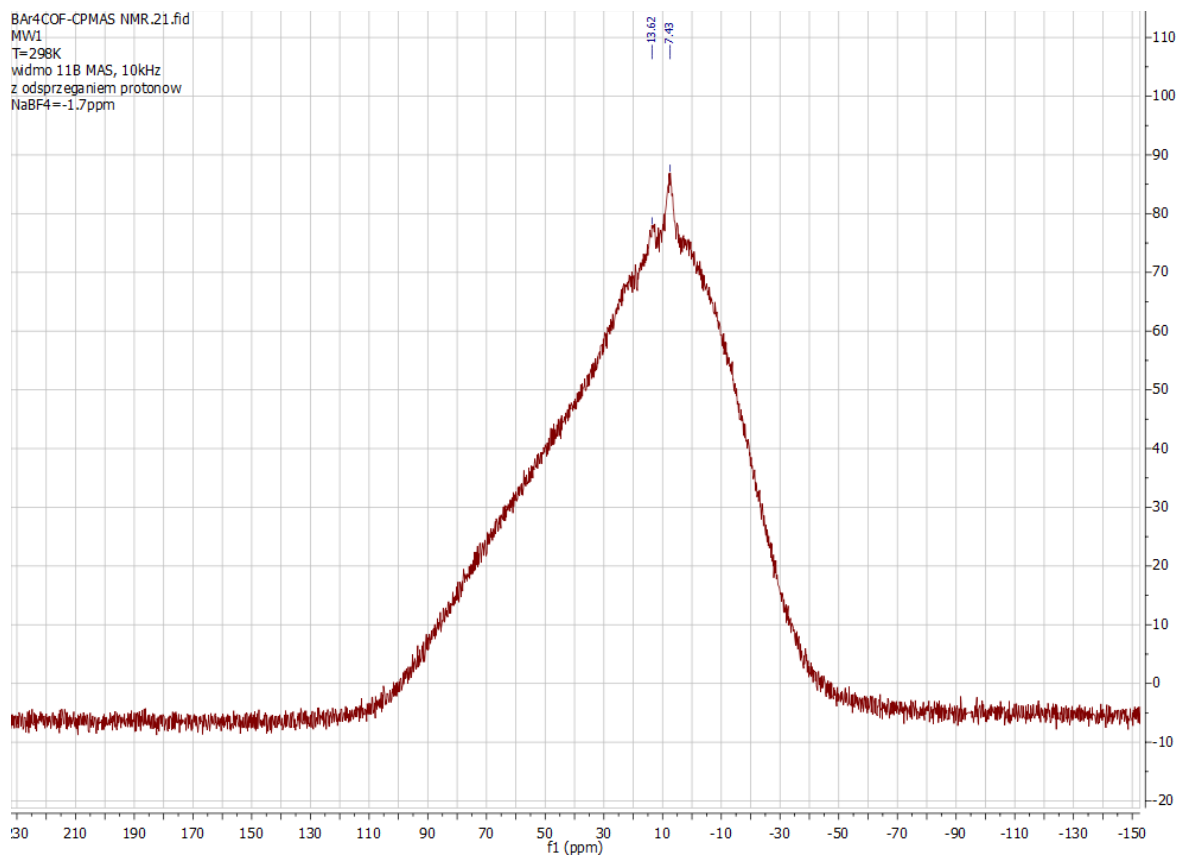


Figure S10. ${}^{11}\text{B}$ MAS NMR spectrum of TAB3.

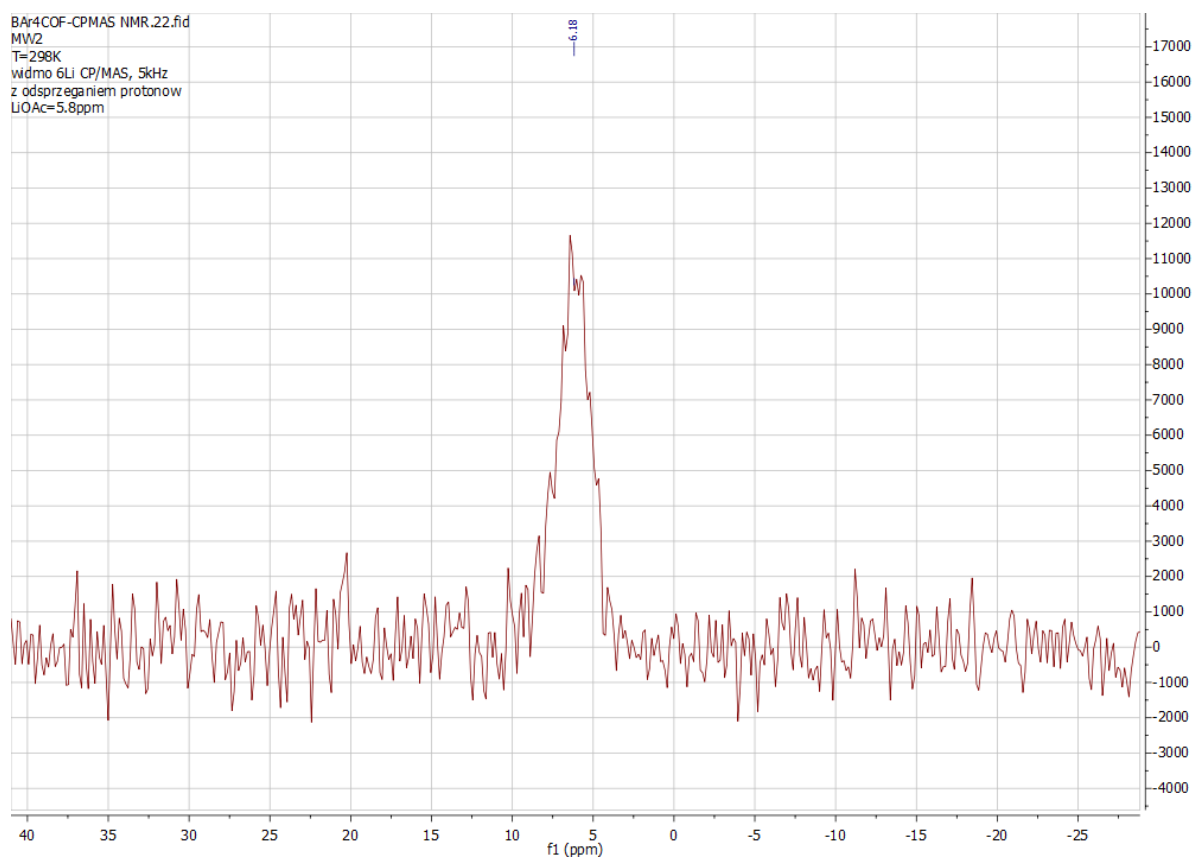


Figure S11. ^6Li MAS NMR spectrum of **TAB4**.

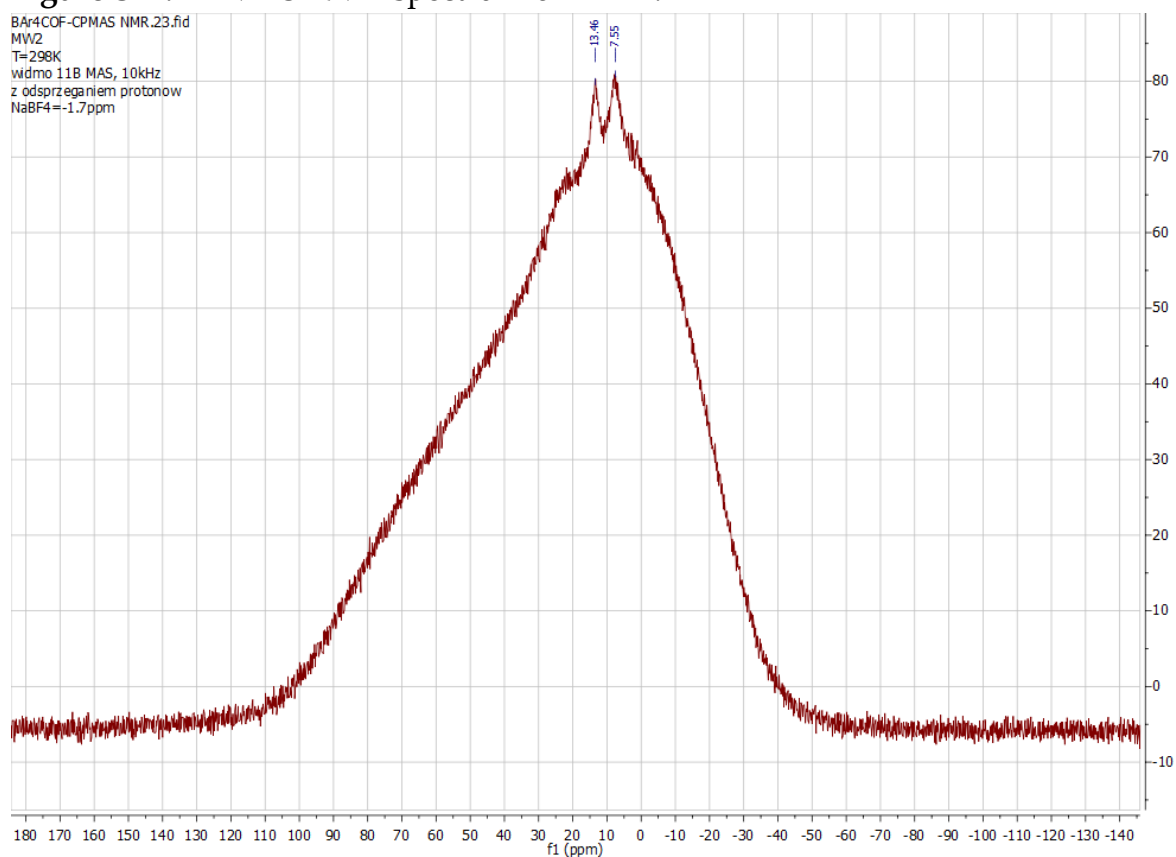


Figure S12. ^{11}B MAS NMR spectrum of **TAB4**.

3. FTIR (ATR) spectra

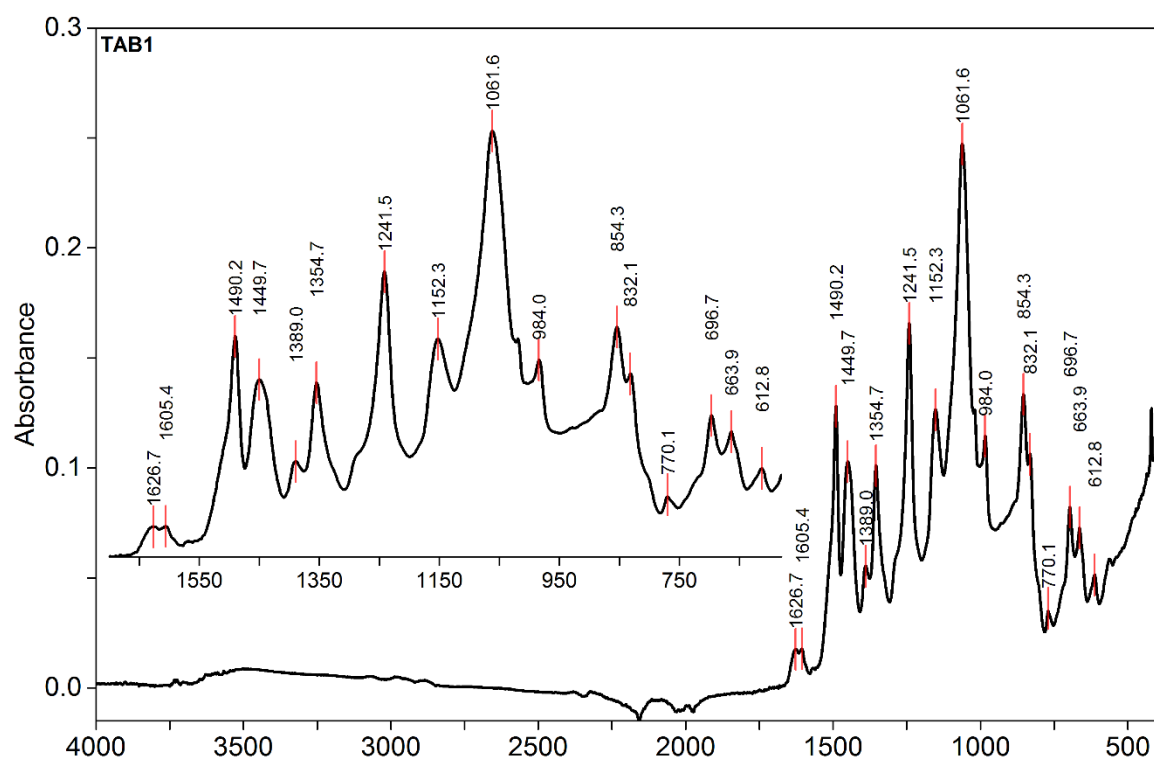


Figure S13. FTIR (ATR) spectrum of TAB1.

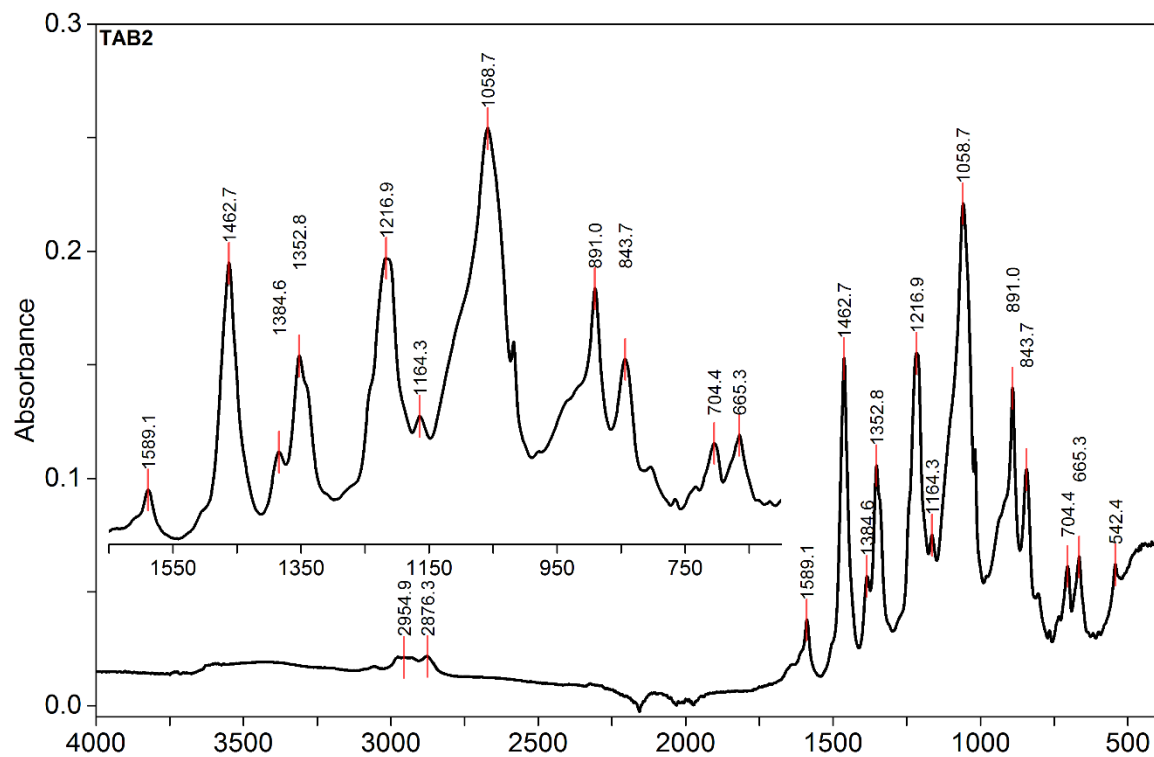


Figure S14. FTIR (ATR) spectrum of TAB2.

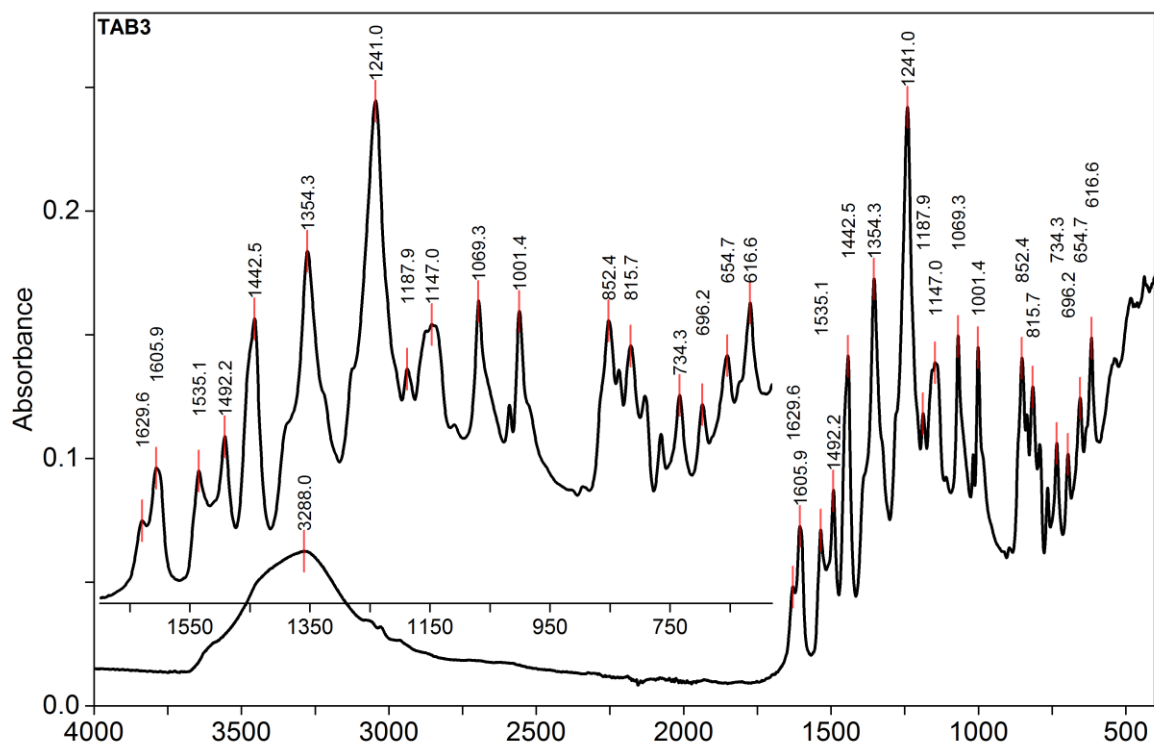


Figure S15. FTIR (ATR) spectrum of **TAB3**.

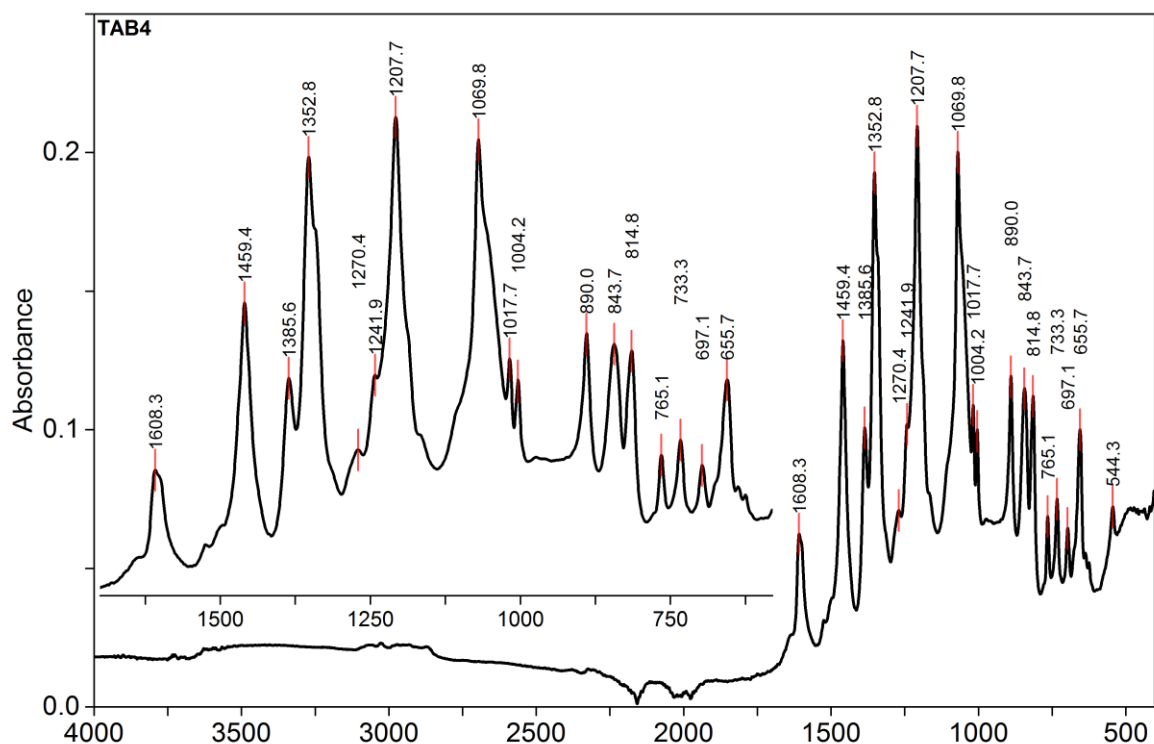


Figure S16. FTIR (ATR) spectrum of **TAB4**.

4. TGA analysis.

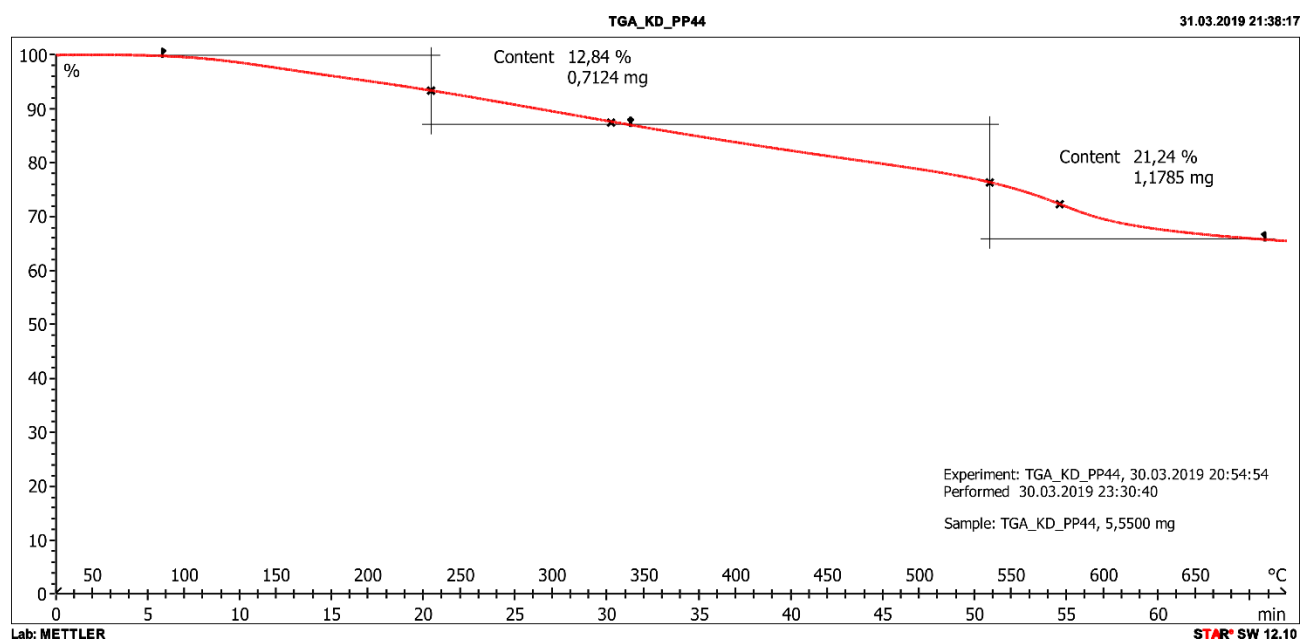


Figure S17. TGA plot of TAB1.

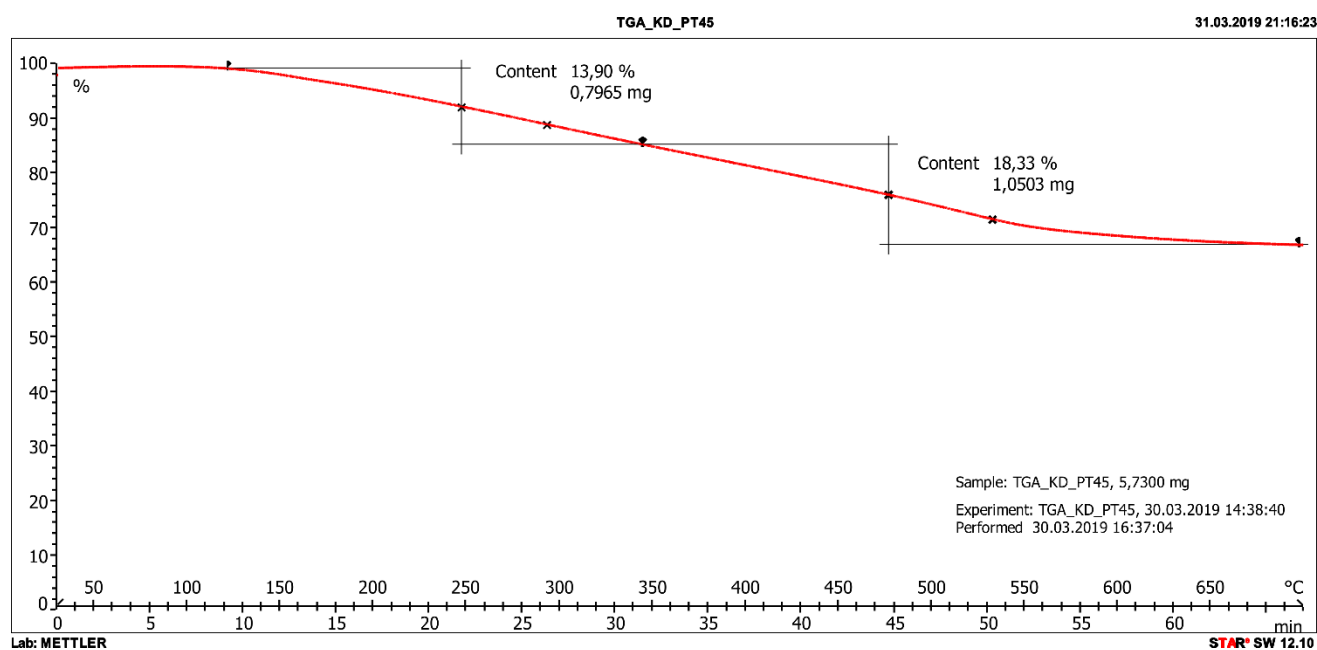


Figure S18. TGA plot of TAB2.

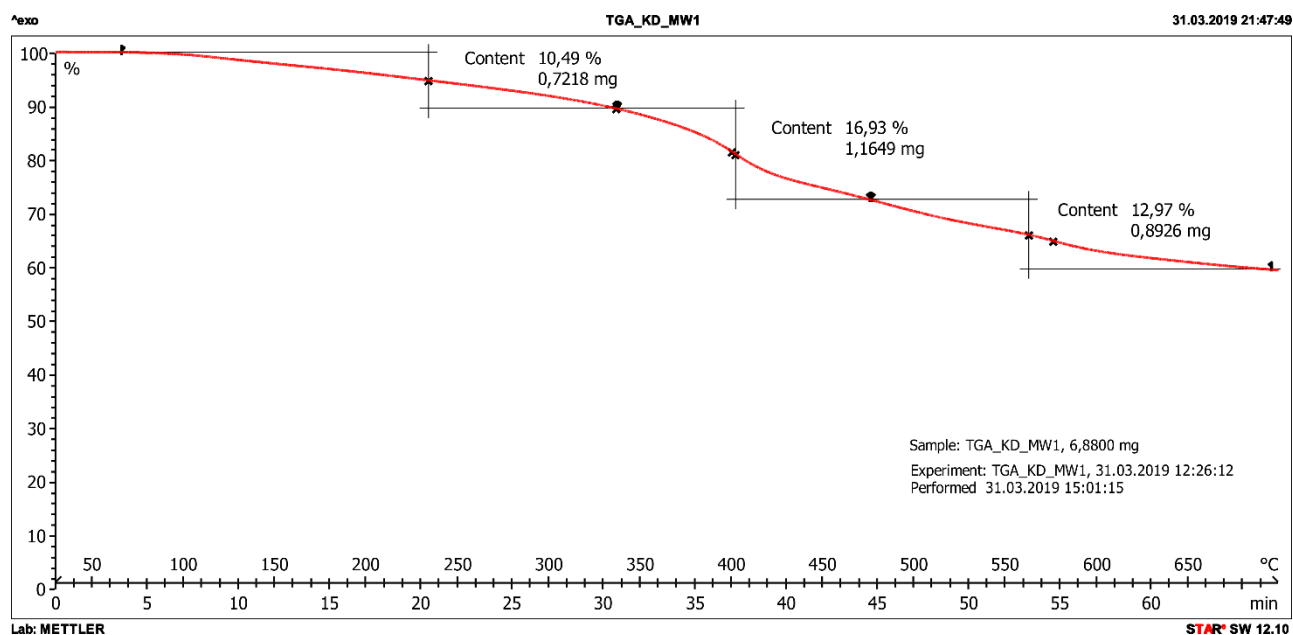


Figure S19. TGA plot of TAB3.

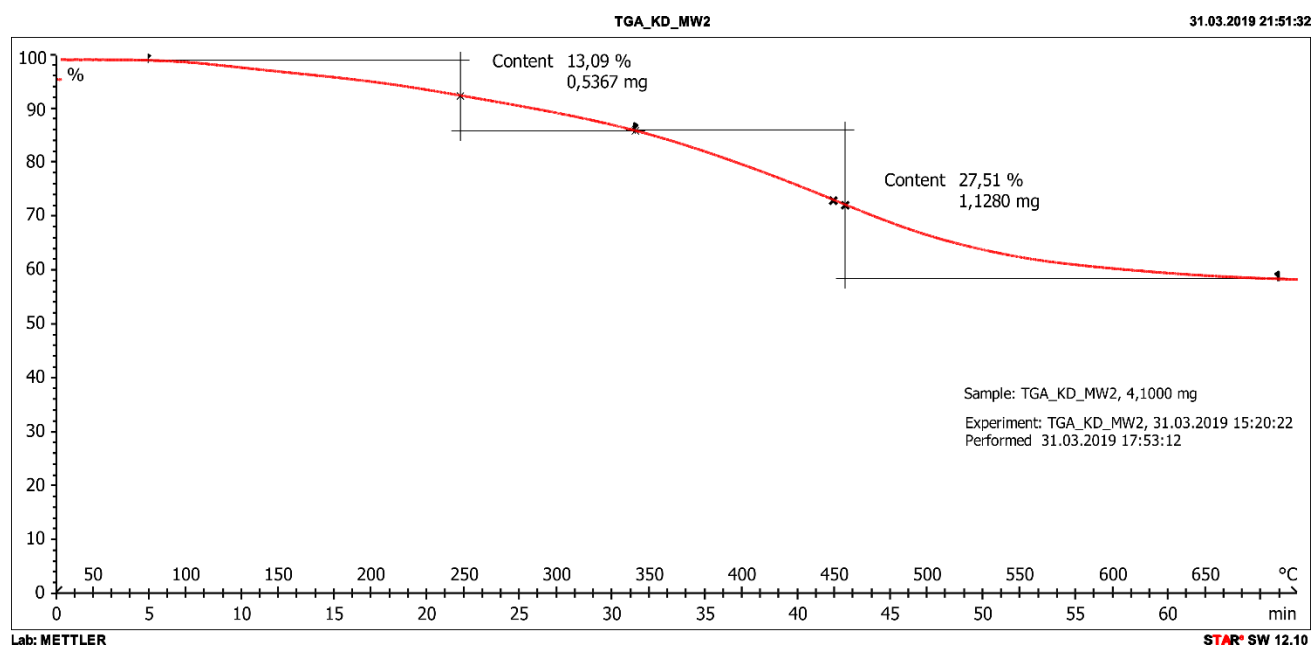


Figure S20. TGA plot of TAB4.