

Figure 1 presents the IR spectra of polymers P₂, P₃ and P₅.

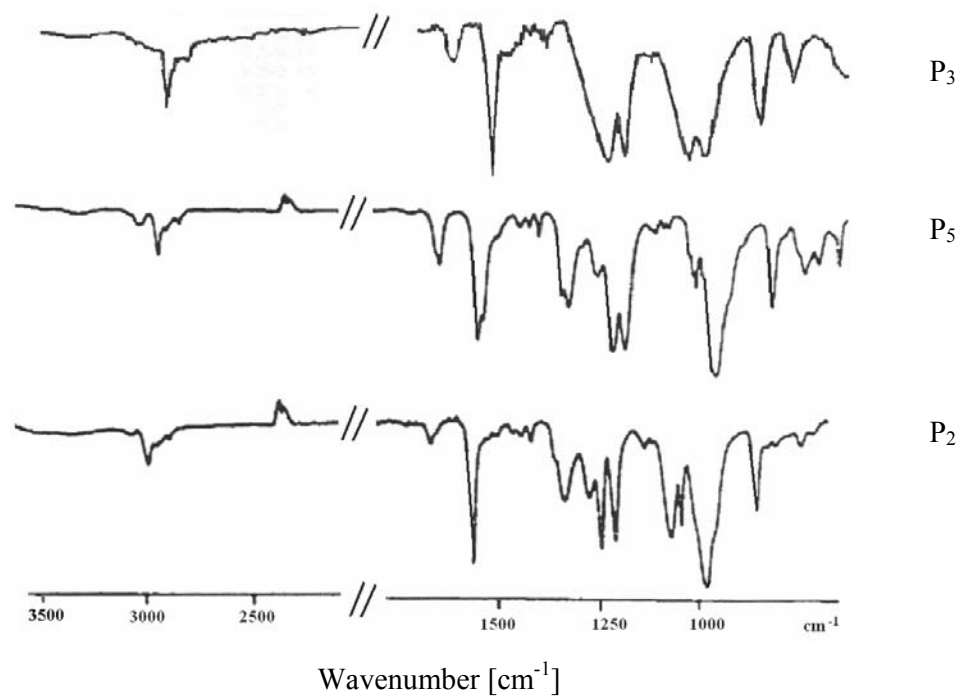
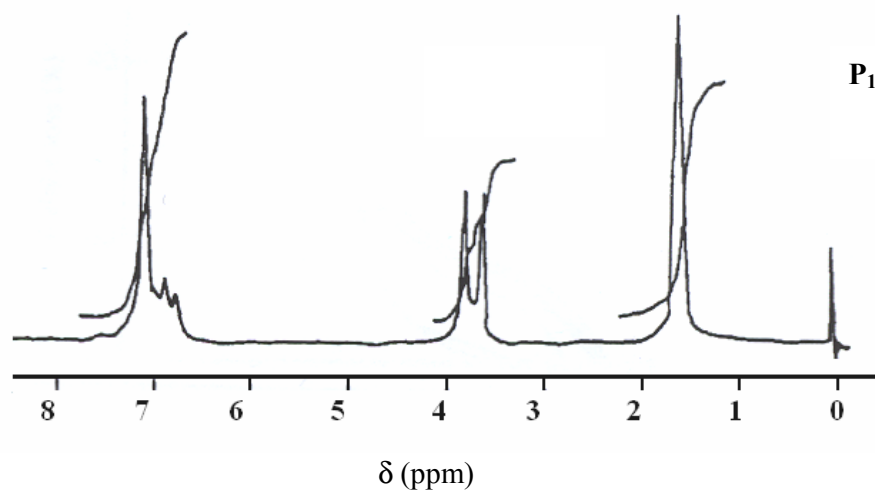


Figure 1. The IR spectra of the polyphosphates P₂, P₃ and P₅

Representative ¹H-NMR spectra of P₁ and P₅ are shown in Figure 2.



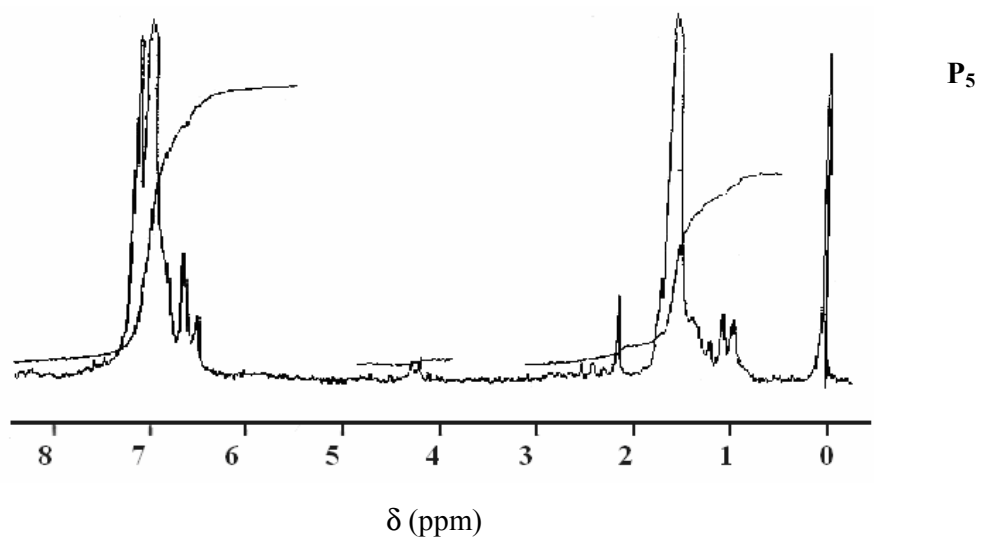


Figure 2. The $^1\text{H-NMR}$ -spectrum of polyphosphates P_1 and P_5

X-ray diffraction patterns of P_5 , P_6 and P_7 polyphosphates are shown in Figure 3.

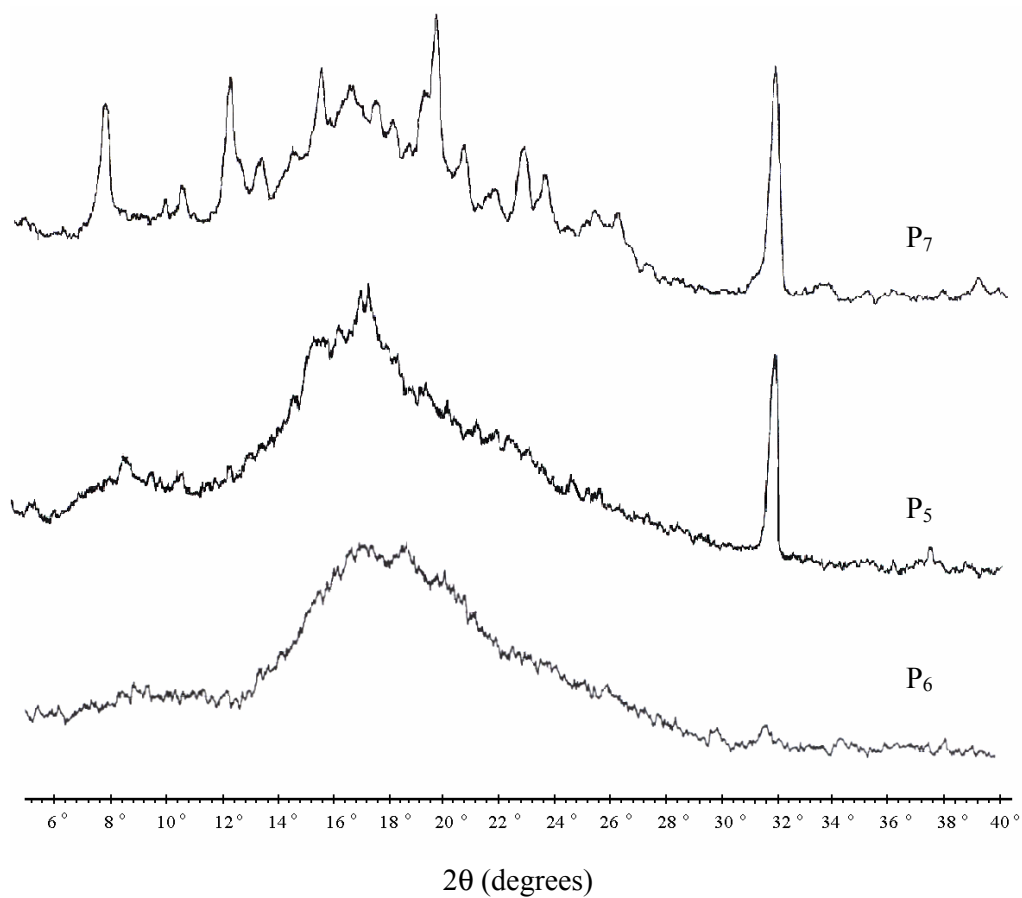


Figure 3. X-ray diffraction patterns of polyphosphates P₅, P₆ and P₇