

Figure 1. Dissolved oxygen concentration versus reaction time during biodegradation of acetate. Circles represent data points and line represents fitted model. The reaction is a second order reaction and the model fitted K value was 0.14 [L/mg\*min].



Figure 2. Dissolved oxygen concentration versus reaction time during biodegradation of acetate. Circles represent data points and line represents fitted model. The reaction is a first order reaction with a model fitted K value of 0.3 [1/min].



Figure 3. Dissolved oxygen concentration versus reaction time during biodegradation of acetate. Circles represent data points and line represents fitted model. The reaction is a zero order reaction with a fitted K value of 0.11 [mg/L].