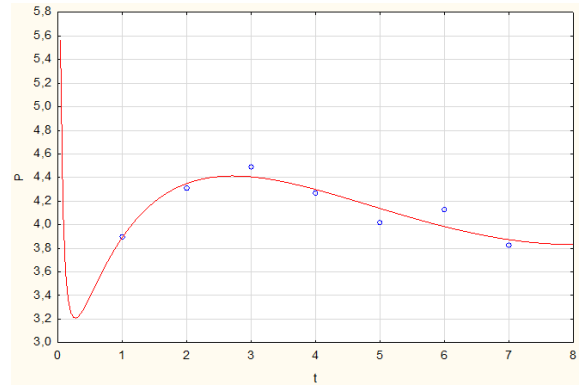
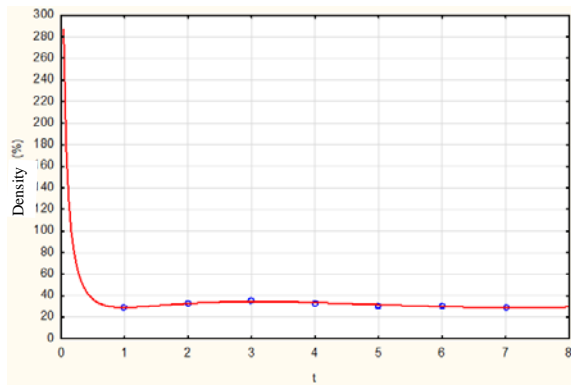


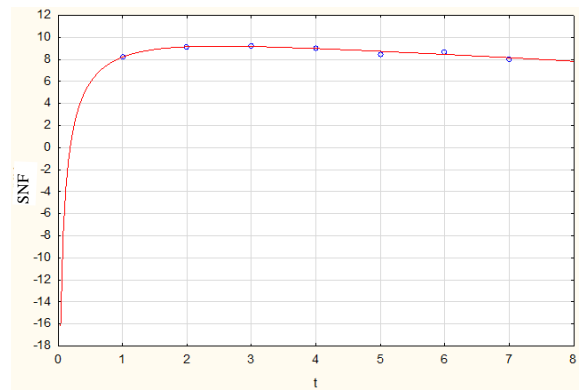
**Figure s1.** Ali-Schaeffer model fitting graph for fat content



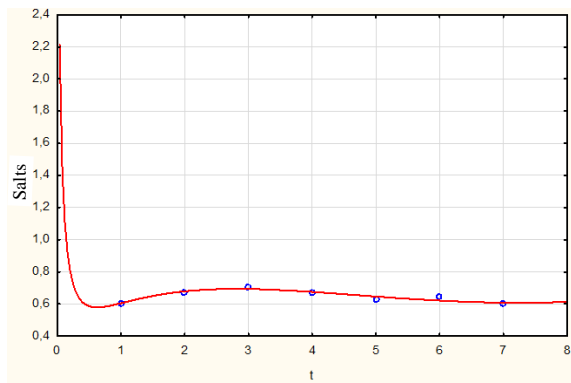
**Figure s2.** Ali-Schaeffer model fitting graph for protein content



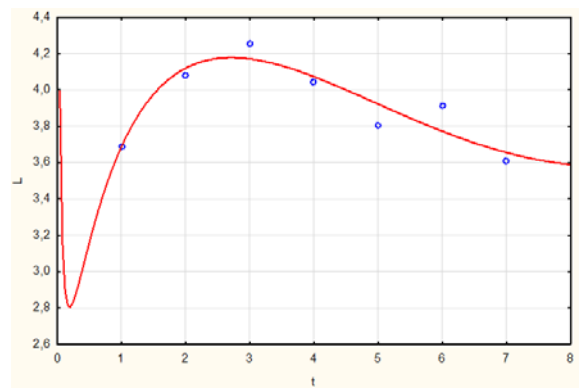
**Figure s3.** Ali-Schaeffer model fitting graph for density content



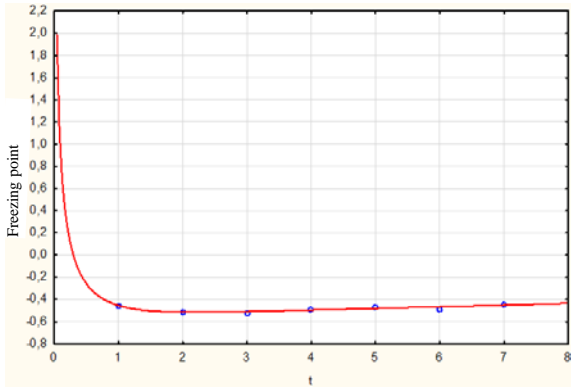
**Figure s4.** Ali-Schaeffer model fitting graph for SNF content



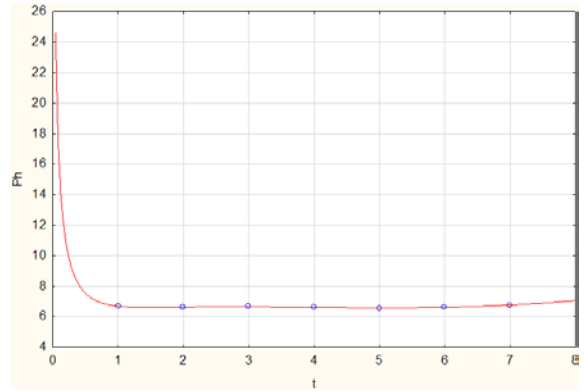
**Figure s5.** Ali-Schaeffer model fitting graph for salt content



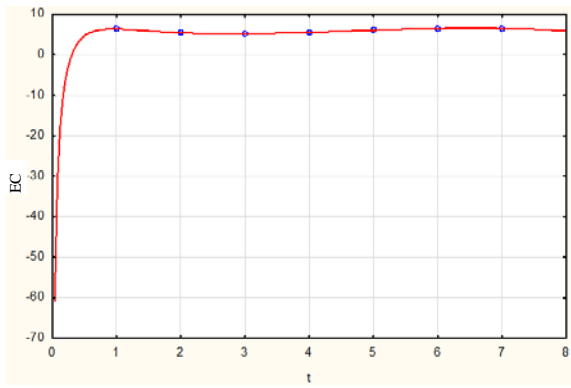
**Figure s6.** Ali-Schaeffer model fitting graph for lactose content



**Figure s7.** Ali-Schaeffer model fitting graph for freezing point

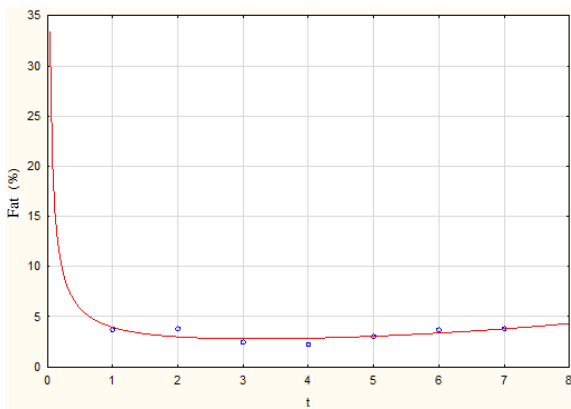


**Figure s8.** Ali-Schaeffer model fitting graph for pH

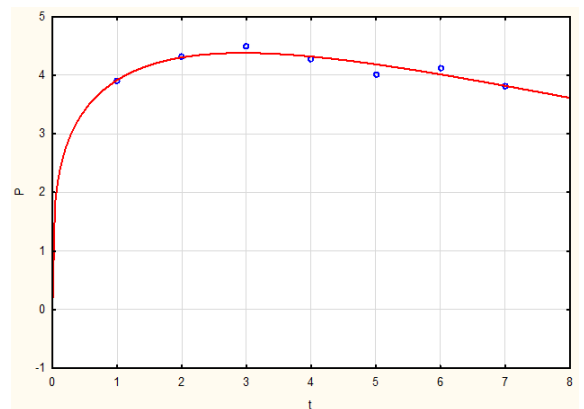


**Figure s9.** Ali-Schaeffer model fitting graph for EC

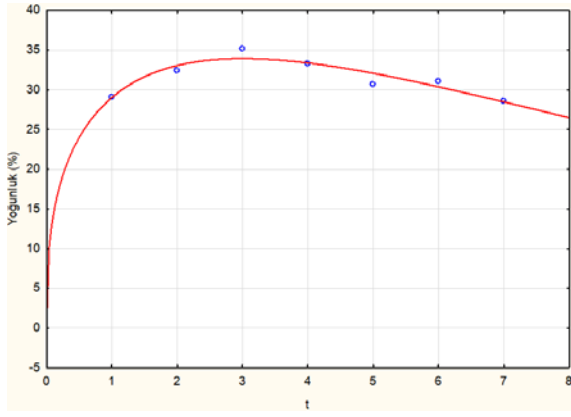
The plots for the fitting of Wood's model to the data are given in Figures 10-18.



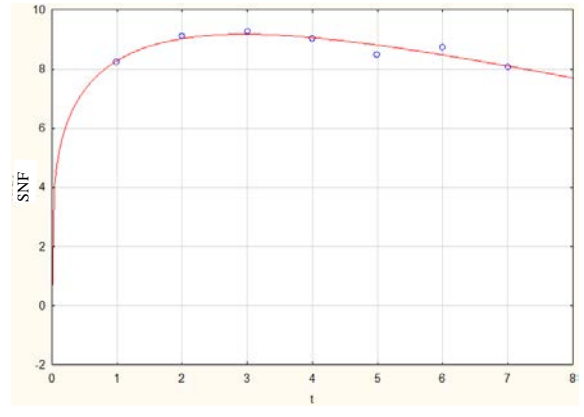
**Figure s10.** Wood model fitting graph for fat content



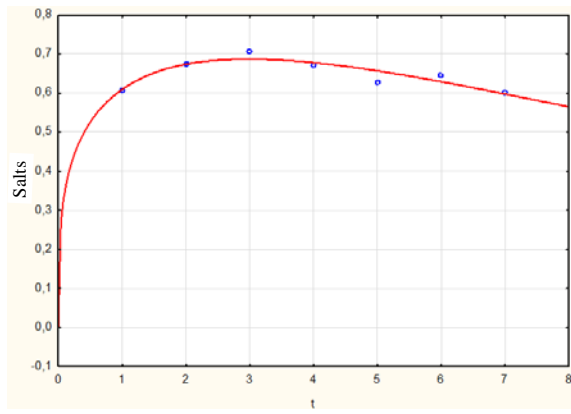
**Figure s11.** Wood model fitting graph for protein



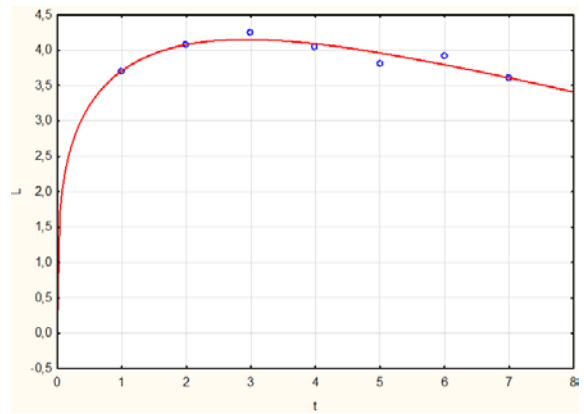
**Figure s12.** Wood model fitting graph for density content



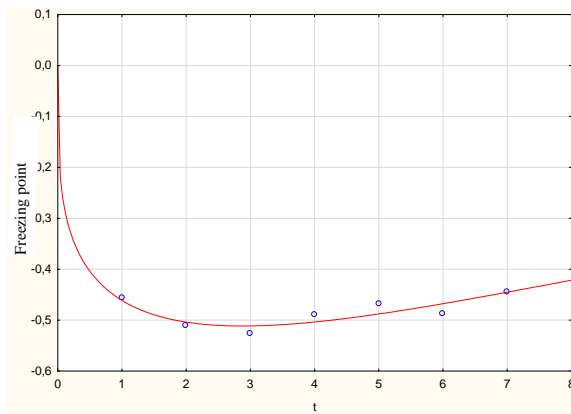
**Figure s13.** Wood model fitting graph for SNF content



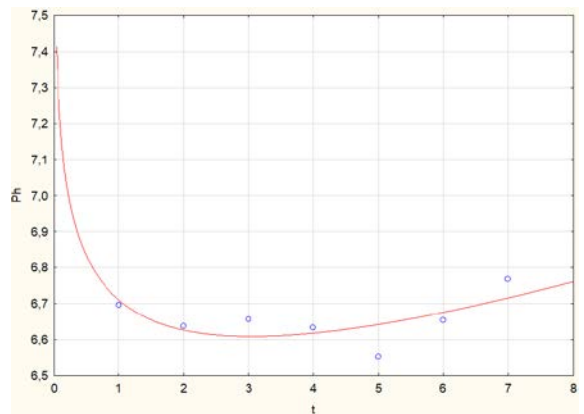
**Figure s14.** Wood model fitting graph for salt content



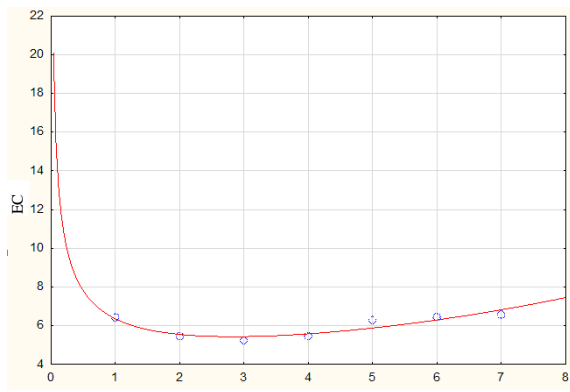
**Figure s15.** Wood model fitting graph for lactose content



**Figure s16.** Wood model fitting graph for freezing point



**Figure s17.** Wood model fitting graph for pH



**Figure s18.** Wood model fitting graph for EC