

1. Experiment Evaluation Sheet

Date	
Name	
Legi-Nr.	

The following exercises and questions should be solved during the experiment and be discussed with the assistant:

Exercise 1: Draw and explain the differences between the theoretical and the experimental concentration curves. Estimate the experimental residence time qualitatively and compare it with the ideal residence time calculated in your preparation exercises. If you see any difference please explain.

CSTR cascade (Diagrams and differences)

Experimental mean residence time:

After the first CSTR s

After the second CSTR s

After the third CSTR s

Exercise 2: Draw and explain the differences between the theoretical and the experimental concentration curves. Estimate the experimental residence time qualitatively and compare it with the ideal residence time calculated in your preparation exercises. If you see any difference please explain.

Flow Pipe (Diagrams and differences)

Experimental mean residence time:

Flow pipe 60 L/h s

Flow pipe 360 L/h s