

Experiment 26 RESULTS SHEET

Date.....

Students surname and name:

1. student ID

2. student ID

3. student ID

Catalyst and its mass: [g]; and volume [ml].

Reaction conditions	I	II	III	IV
temperature [°C]				
weight of empty receiver [g]				
alcohol dosing speed [ml/h]				
reaction start time: reaction end time:				
reaction duration [min]				
weight of all reaction products [g]				
Separation of reaction products				
weight of empty cell [g]				
weight of cell with dry products [g]				
weight of dry product [g]				
weight of water [g]				
glc analysis				
Hexene-1 peak area				
hexanol peak area				
calculated hexene-1 amount [g]				
calculated hexanol amount [g]				

Parameters of glc analysis:

Equations used in calculations:

for hexene-1 :

for hexanol :

Student's signature:

1.

2.

3.

Instructor's signature:

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