

Date: Month: Year:

[] fill in the units in the square brackets

II.

Task: Viscosity Keywords: definition of viscosity, kinematic viscosity, Newtonian and non-Newtonian fluids,

Measured values: Unknown liquid

Temperature []	Time 1. []	Time 2. []	Time 3. []	Average time

Measured values: Distilled water

Temperature []	Time 1. []	Time 2. []	Time 3. []	Average time

Calculated values: Kinematic viscosity of distilled water

Temperature []	Dynamic viscosity []	Density []	Kinematic viscosity []

Calculated values: Kinematic viscosity of unknown liquid

Temperature []	Kinematic viscosity []

Notes/calculations:

Calibration graph:



Discussion:

Importance for the medicine / connection with the health and illness:

Possible errors and accuracy:

Conclusion:

Task: The surface tension of liquids

Keywords: definition of surface tension, causes, surfactants, Liquid in a vertical tube, Measured values: Digital Tensiometer K9

Liquid Nr.	Surface tension []
Distilled water	
X1	
X2	
X3	

Measured values: Stalagmometer

Liquid Nr.	Weight/empty []	Weight/ with 50 drops []	Weight 50 drops []	Surface tension []
Distilled water				
X1				
X2				
X2				

Notes/calculations:

Discussion:

Importance for the medicine / connection with the health and illness:

Possible errors and accuracy:

Conclusion: