MUNI MED

UČO :

Name:

Group:

Date:
Month:
Year:

II.

[ ] fill in the units in the square brackets

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**

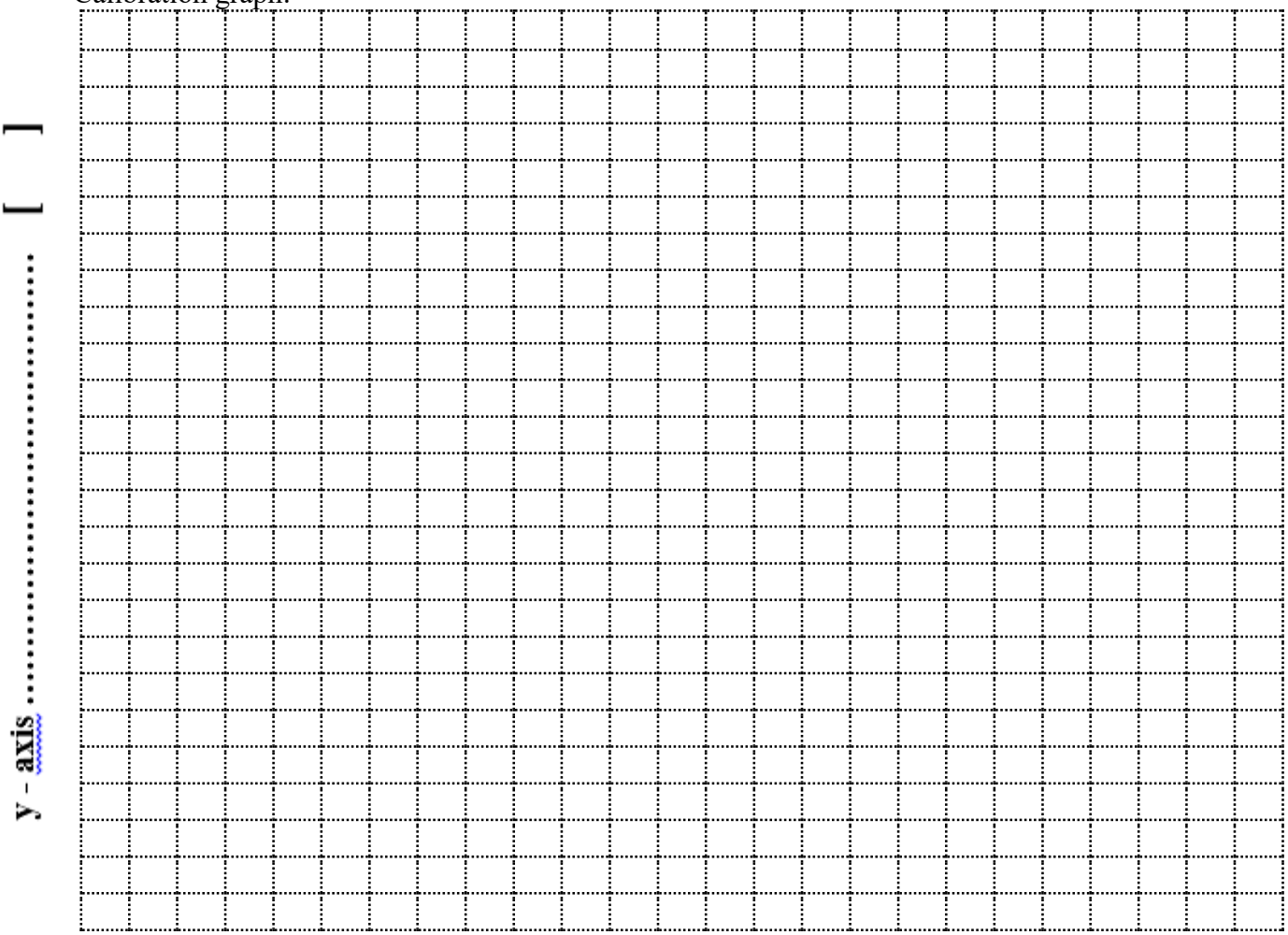
Temperature [ ]	Dynamic viscosity [ ]	Density [ ]	Kinematic viscosity [ ]

Calculated values: **Kinematic viscosity of unknown liquid**

Temperature [ ]	Kinematic viscosity [ ]

Notes/calculations:

Calibration graph:



x - axis …… [ ]

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 (physics units, equation), surfactants, capillary action

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: