

III.

[] fill in the units in the square brackets

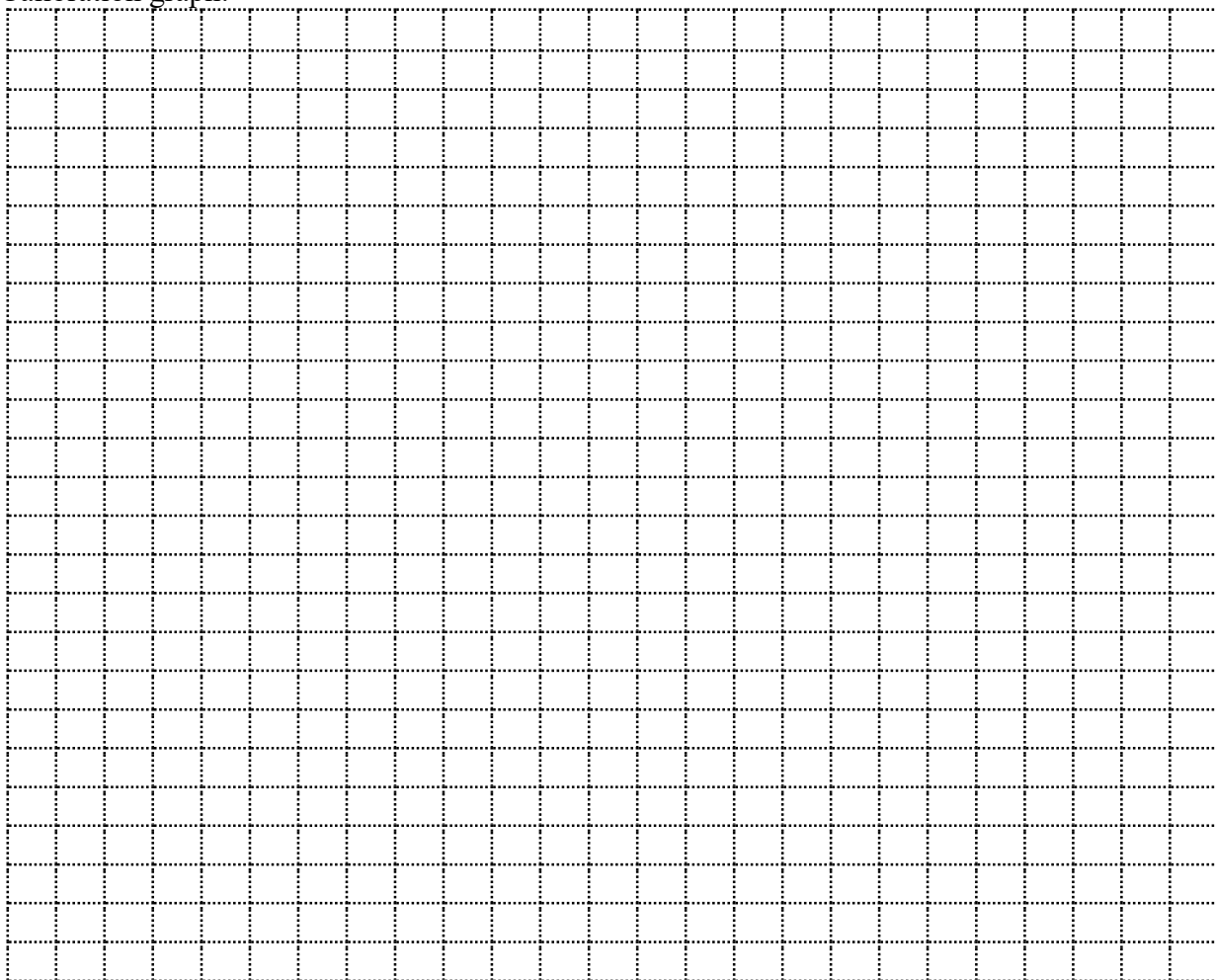
Task: Ultrasound hemolysis

Keywords: definition of ultrasound, principle of ultrasound, physical effects of ultrasound, cavitation, uses of ultrasound in medicine, light microscope – principle and parts

Measured values:

Time []	Number of eryt.	Number of eryt. in 1 ml	Level of hemolysis []

Calibration graph:



x - axis []

Gap for calculation:

Discussion:

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

Possible errors and accuracy:

Conclusion:

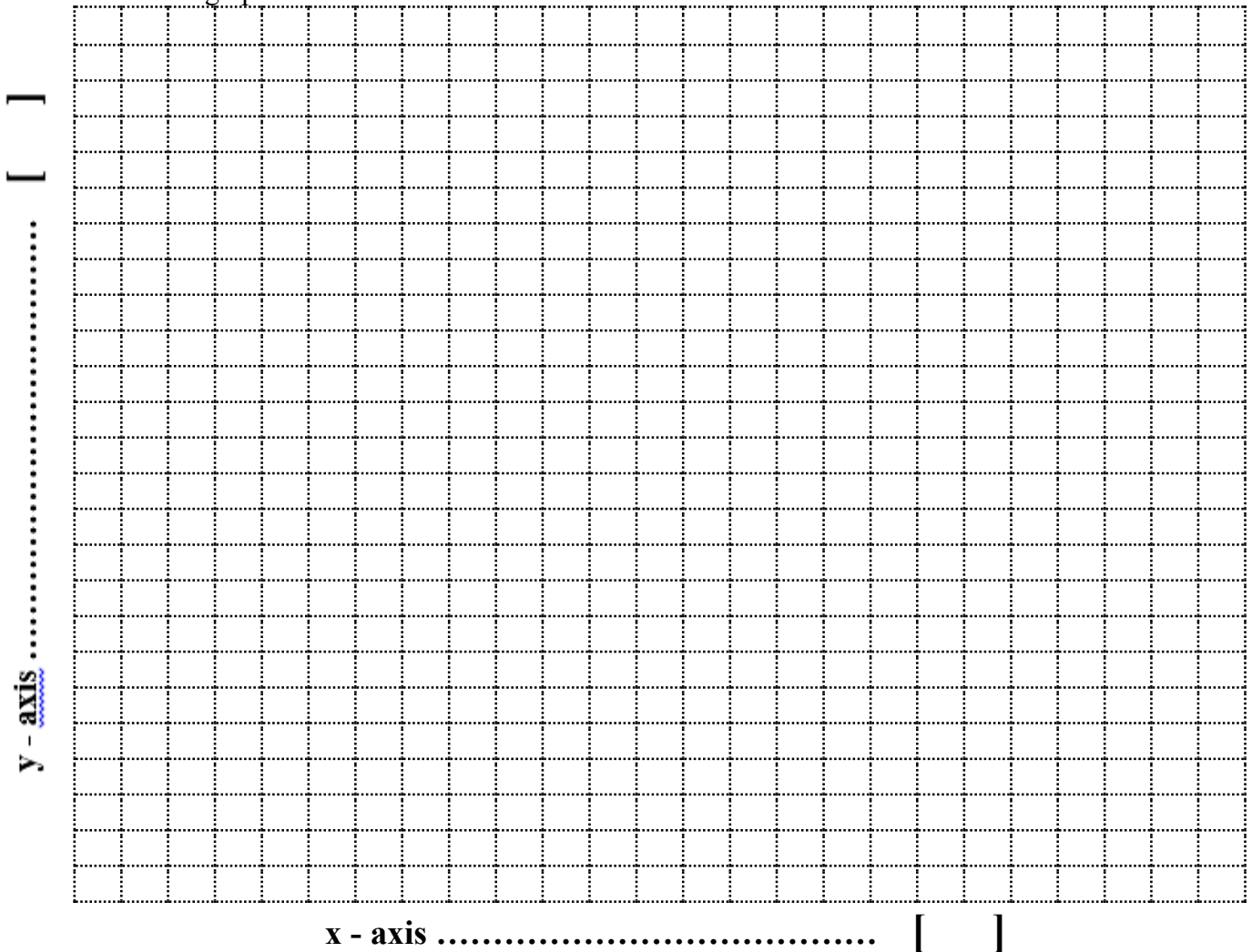
Task – Measuring ionising radiation absorption

Keywords: definition ionising radiation, types of ion. radiation, physical effect, health effects, measuring of ionising radiation, sources of ionising radiation, protection

Measured values:

	Nr. 1, avg. C1,C2,C3 of impulses	Nr. 2, avg. C1,C2,C3 of impulses	Nr. 3, avg. C1,C2,C3 of impulses	Average value of impulses	Background subtraction
Background					X
Activity of sample					
Thickness of filter					
Thickness of filter					
Thickness of filter					
Thickness of filter					
Thickness of filter					
Thickness of filter					
Thickness of filter					

Calibration graph:



Half-layer value []	
Linear attenuation coefficient value []	

Gap for calculation

Discussion

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

Possible errors and accuracy:

Conclusion: