M U N I
M E D

UČO :

Name:

Group:

Date:
Month:
Year:

I.   [ ] fill in the units in the square brackets

Task: Spectrophotometry – absorption curve

Keywords: Beer–Lambert law, Spectrophotometer principle, absorbance, transmittance, spectre of visible light, intensity of light, wavelength of light,

Measured values:

Wavelength [ ]	Absorbance

Calibration graph:

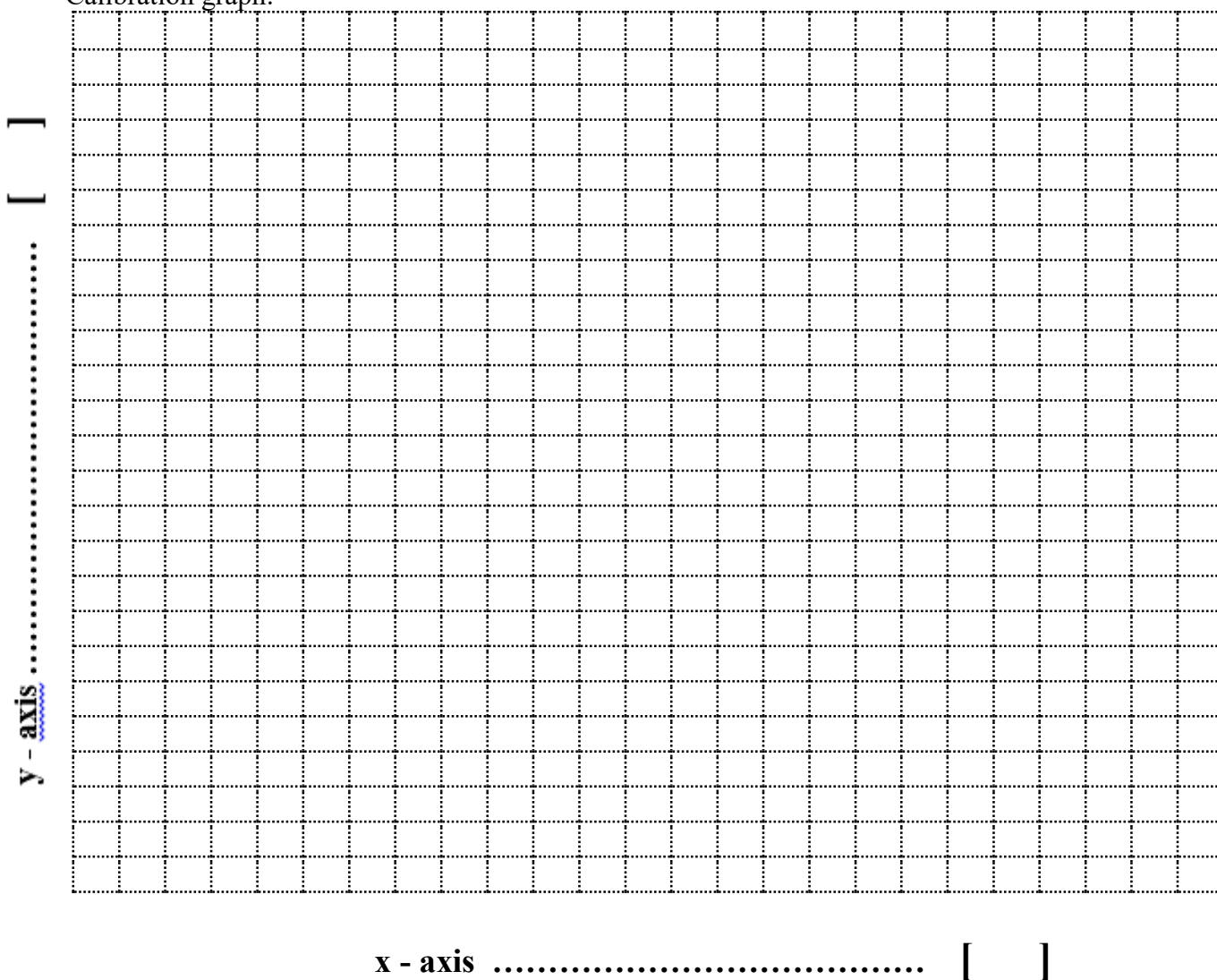**y - axis** ………………………………………… **[   ]**
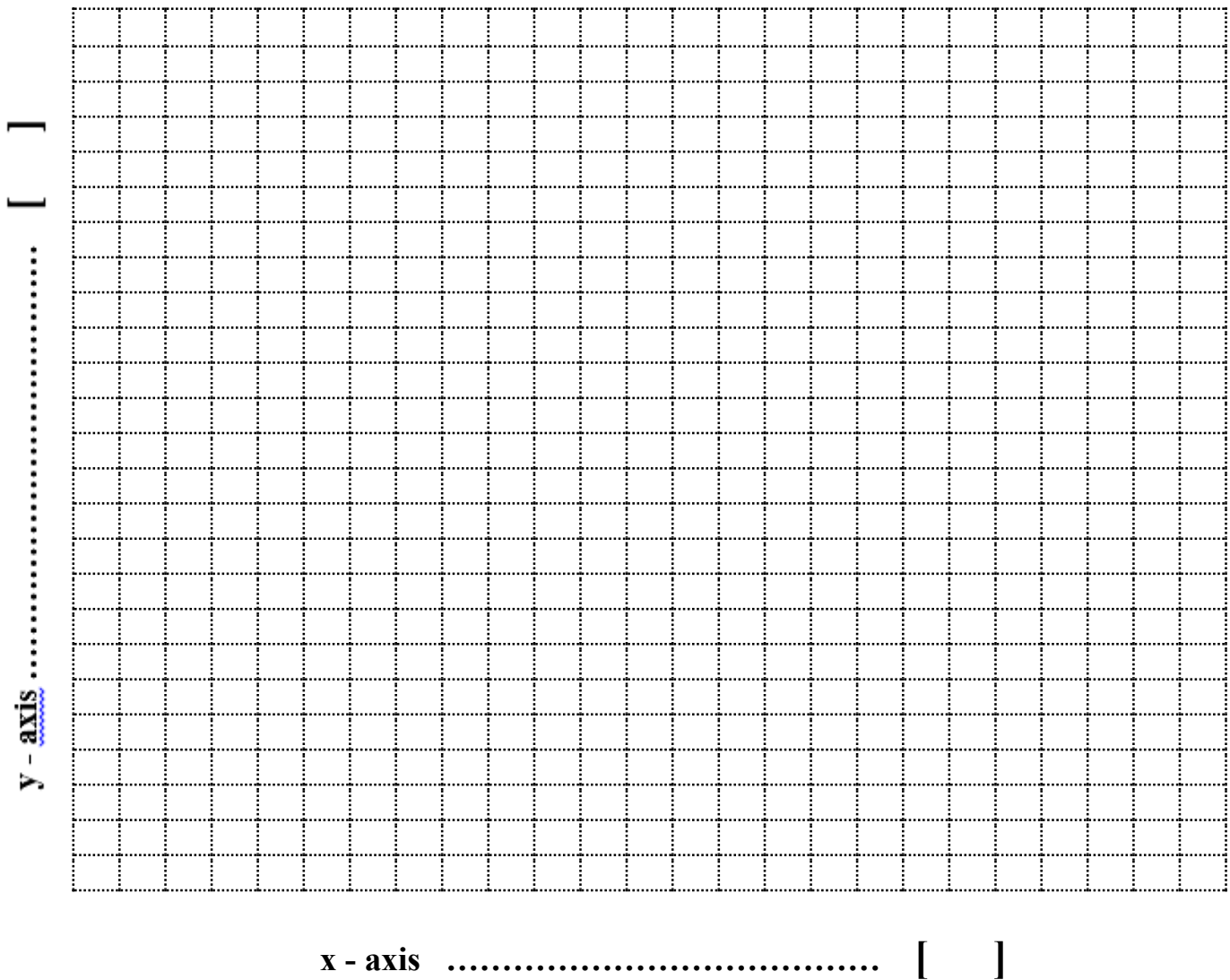
x - axis ……………………………… **[   ]**

Task: Spectrophotometric determination of concentration of solutions

Keywords: Beer–Lambert law, Spectrophotometer principle, absorbance, transmittance, spectre of visible light, intensity of light, wavelength of light,

Measured values:

Concentration [ ]	Absorbance
Unknown concentration x	

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Calibration graph:

y - axis .... [   ]

x - axis …………………………… [   ]

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

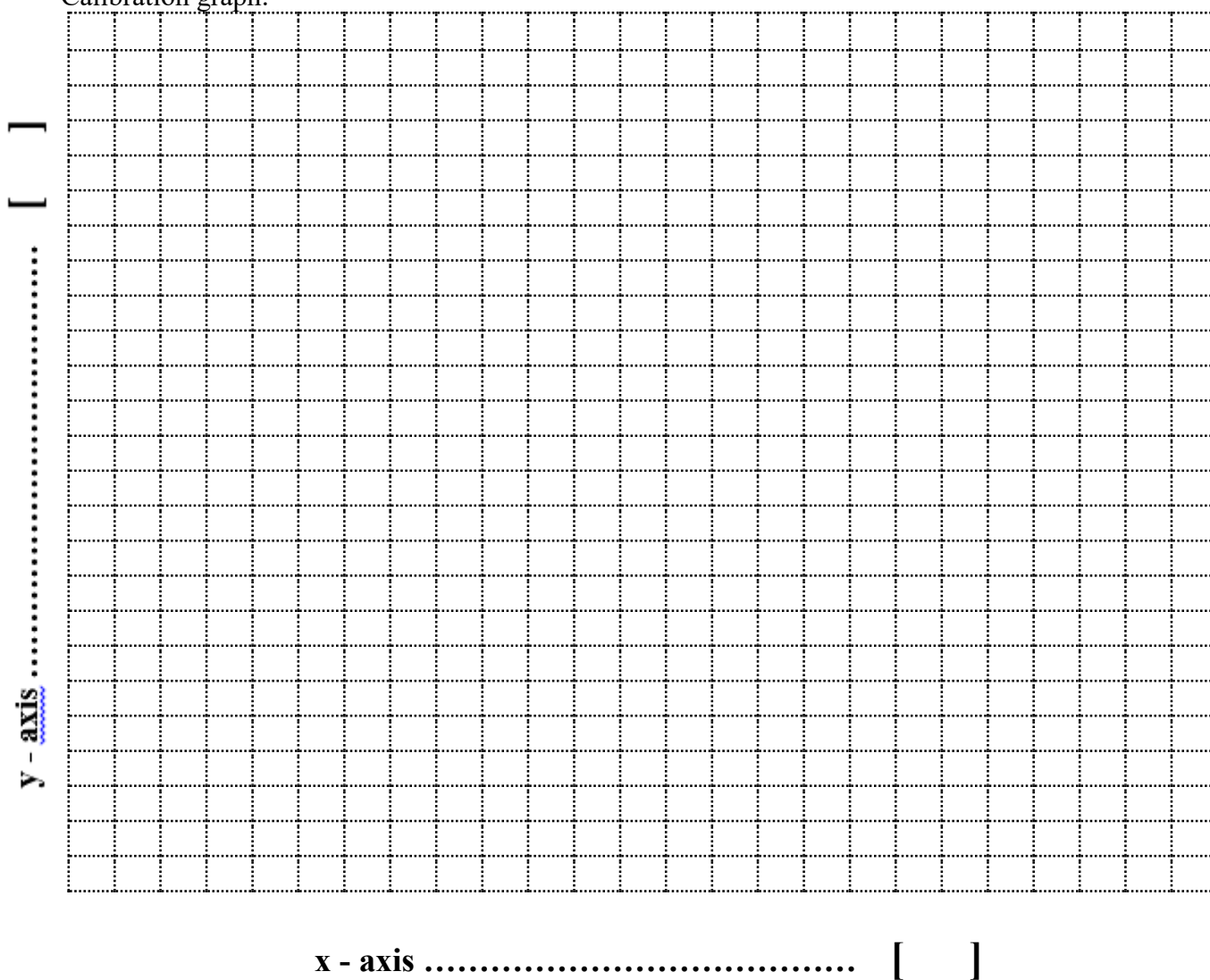Possible errors and accuracy:

Conclusion:

Task – Refractometry – determination of NaCl concentration

Keywords: refractive index, Snell´s Law,

Measured values:

Sample Nr. [concentration]	refractive index no. n
Distilled water	
Unknown concentration x	

Calibration graph:

y - axis .... [   ]

x - axis ……………………………   [   ]

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

Possible errors and accuracy:

Task – Visual acuity (LogMAR chart)

Keywords: photopic vision, scotopic vision, Hyperopia, Myopia, Presbyopia

Value of visus

Left eye	Right eye

Discussion:

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

Possible errors and accuracy:

Conclusion: