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**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 |
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Calibration graph:

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**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:

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| --- | --- |
| Concentration [ ] | Absorbance |
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| Unknown concentration *x* |  |

Calibration graph:



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**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 |  |
|  |  |
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|  |  |
| Unknown concentration *x* |  |

Calibration graph:

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**x - axis ………………………………… [ ]**

**Discussion:**

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

Possible errors and accuracy:

**Task – Visual acuity (LogMAR chart)**

**Value of visus**

|  |  |
| --- | --- |
| **Left eye** | **Right eye** |
|  |  |

**Discussion:**

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

Possible errors and accuracy:

Conclusion: