**REPORT**

**EXERCISE 5**

**PHASE RULE**

**NAME:** **GROUP:**

**DATE OF EXERCISE:**

**EXERCISE TOPIC:** Partition coefficient.

**OBJECTIVE OF THE EXERCISE:** Determining the partition coefficient of acetic acid between water and an organic solvent.

**1. Table 1 – Results obtained during the exercise.**  
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**2. Table 2 – Summary of calculated values.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Solution** | ***cp***  **[mol/dm3]** | **c*w***  **[mol/dm3]** | ***co***  **[mol/dm3]** | ***%extracted*** | ***K*** |
| **1** |  |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |  |
| **6** |  |  |  |  |

**Example calculations**

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**3. Conclusions**

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