



Opposition: Salty water

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Problem 21: Salty water

What is the **minimum concentration** of **sodium chloride** in **water solution** such that a human **detects** the **presence of salt**? Use **double blind tasting** in your experiments.

Theory



1. Mentions the source of salt taste
2. Mentions the taste buds



1. Missing references
2. Didn't analyze the age of the person as a relevant parameter

Experiment



1. Prepare solution with different mass of the salt
2. Calculated concentration of solution in g/l



1. Didn't measure other masses of the salt to determine the exact value of the dissolved salt which can not be detected
2. Didn't calculate molarity

Questions:

What are the main factors that could affect your results?

Did you use pure sodium chloride and distilled water

What is the formula you used to calculate concentration?

1. What is the number of samples with different concentrations that you have used?
2. Did you measure the concentration of the salt?
3. What concentration have you measured - molarity, molality, etc. ?
4. What is the number of people you have tested?

Thank
you!

