Student Learning Advisory Service

Contact us

Please come and see us if you need any academic advice or guidance.

Canterbury

Our offices are next to Santander Bank

Monday to Friday, 09.00 - 17.00

E: learning@kent.ac.uk

T: 01227 824016

Medway

We are based in room G0-09, in the Gillingham Building and in room DB034, in the Drill Hall Library.

Open

Monday to Friday, 09.00 - 17.00

E: learningmedway@kent.ac.uk

T: 01634 888884

The Student Learning Advisory Service (SLAS) is part of the Unit for the Enhancement of Learning and Teaching (UELT)

Acknowledgments

All materials checked by Dr Scott Wildman, Dr Cleopatra Branch, Jerome Durodie and Andrew Lea, Medway School of Pharmacy, Anson Building, Central Avenue, Chatham Maritime, Chatham, Kent. ME4 4TB.

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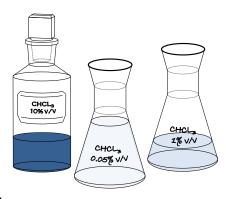
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AT A GLANCE/ PHARMACY CALCULATIONS PERCENTAGE STRENGTHS

Calculating the amount of substance in a concentration expressed as a percentage strength



Example 1

How much chloroform is contained in 500mL of a 2% v/v concentration?

Method

Step 1: A percentage is a fraction with a base of 100.

Thus,
$$2\% = \frac{2}{100}$$

Step 2: By multiplication

$$\frac{2}{100} \times 500mL = 10mL$$

*Remember, this is a *v/v* concentration.

Example 2

How much sodium chloride is contained in 1.25L of a 0.5% w/v concentration?

