

EFFECTIVENESS OF DETERGENT ON CHILLI OIL

316 GROUP 4
SYAZLYN,
JOEY &
JENICE













INTRODUCTION AND AIM

-This experiment is meant to test different detergents in the market and to investigate the effectiveness of brands of 5 different types of detergents when under a certain condition on clothes

PROCEDURE

- 1) Prepare 6 pieces of labelled cloth adding 0.5ml of chilli oil onto each piece of cloth
- 2) Leave the pieces of cloth for four days, then scrape off the excess food stain with the blunt forcep if any.
- 3) Spread 10 ml of diluted detergent onto their respective cloth and leave the cloth for 2 minutes.
- 4) Brush the stain gently with a toothbrush for 2 minutes and proceed to rinse the cloth.
- 5) Dry the cloth then observed the presence of chilli oil on the cloth.

RESULTS ANALYSIS

Detergent	Breeze	Dynamo	Kodomo	Persil	BioHome	Water (Control)
Before						
Results (After)						
Intensity of Chilli Oil (1:Very weak-5:Very Strong)	4	3	3	2	1	5

DISCUSSION AND CONCLUSION

BioHome is the most effective detergent as it left the least stain behind after washing. This is because BioHome is an enzyme cleaner instead of traditional chemical cleaners which comprises of different types of enzymes like protease and lipase. The enzymes in bio enzyme cleaners thus help break down stains efficiently.

SUGGESTION TO IMPROVE THE EXPERIMENT

Experimental errors in our experiment include failing to scrub all the cloth with the same strength as two different people were scrubbing different cloths for higher efficiency. What should have been done is that we could have decided on the number of times we would be scrubbing on the cloth so one cloth does not get more number of scrubs than the other making it unfair. Another alternative is that only one person is in charge of the scrubbing of cloth, this ensures that the scrubbing is constant as well.