

Date.....

Name.....

Group

Report from practical lesson in biochemistry

Topic: Introduction to work in laboratory

Task 1 – Separation of mixture by centrifugation

1. Principle

2. Results

Appearance of the mixture centrifuged at $\sim 300\times g$ for 10 min:

Appearance of the mixture centrifuged at $30,000\times g$ for 10 min:

3. Conclusion

Task 2 – Separation of mixture by shaking with chloroform

1. Principle

2. Results

Appearance of the aqueous phase:

Appearance of the chloroform phase:

3. Conclusion

Task 3 – Adsorption with activated charcoal

1. Principle

2. Results

3. Conclusion

Task 4 – Sublimation of caffeine from coffee

1. Principle

2. Results

3. Conclusion

Task 5 – Solubility of a weak acid at various pH

1. Principle

2. Results

Environment	Acidic	Neutral	Alkaline
Solubility of salicylic acid			
			After neutralisation

3. Discussion

Use structural formulas to show how the salicylic acid looks at various pH.

4. Conclusion