

Protocol - Laboratory 4

PHYSICAL AND CHEMICAL PROPERTIES OF LIPIDS

Student name:.....

group:.....

Date:.....

	Principle of reaction	Results/conclusions
Acrolein test		
Obtaining soap	fat saponification reaction:	
Obtaining fat emulsion		
Obtaining insoluble soaps		

Release of free fatty acids		
Detection of unsaturated fatty acids		
Solubility of lipids		
Kreis test		

<p>Reducing properties of lipids containing double bonds</p>		
<p>Cholesterol detection using Salkowskis reaction</p>		
<p>Cholesterol detection using Liebermans- Burchards reaction</p>		

Signature of tutor:.....