



North South University

Dept. of Biochemistry & Microbiology

Course code: BIO103L

LAB REPORT 4 (Exp 6)

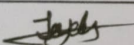
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SECTION: 08

STUDENT ID: 2211424642

DATE & TIME: 21.12.2023

NAME OF THE INSTRUCTOR: T Hn

SIGNATURE: 

REPORT SUBMISSION DATE (Assigned by the Instructor): 21.12.2023



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1. Based on your observation, record the results in the following table

(2.5)

No.	Food Product (Test sample)	Description of any change(s) before adding biuret reagent	Description of any change(s) after adding biuret reagent	Are there proteins present?
1.	Control (Distilled water)	Solution is colorless or transparent	The solution color changes to light blue color	No
2.	Milk	The solution is white color	The solution color changes to violet or purple color	Yes

2. Observe the following table and determine the color based on the concentration of protein. (2.5)

Sample	Concentration of protein	Color after adding biuret reagent
1.	5%	Purple or violet
2.	3%	Pink
3.	0.005%	Light Blue