

According to the New Syllabus Prescribed by : Pharmacy Council of India

# LAB MANUAL

# Biochemistry

*For the Students of*

**B. PHARM SECOND SEMESTER**

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# SYLLABUS

## BP209P: Biochemistry

1. Qualitative analysis of carbohydrates (Glucose, Fructose, Lactose, Maltose, Sucrose and starch)
2. Identification tests for Proteins (albumin and Casein).
3. Quantitative analysis of reducing sugars (DNSA method) and Proteins (Biuret method).
4. Qualitative analysis of urine for abnormal constituents.
5. Determination of blood creatinine.
6. Determination of blood sugar.
7. Determination of serum total cholesterol.
8. Preparation of buffer solution and measurement of pH.
9. Study of enzymatic hydrolysis of starch.
10. Determination of Salivary amylase activity.
11. Study the effect of Temperature on Salivary amylase activity.
12. Study the effect of substrate concentration on salivary amylase activity.

□□□

## List of Experiments

S.No.	Experiment	Page
	<b>□ Basics of Carbohydrates.</b>	<b>7-12</b>
1.	Identification of Unknown Carbohydrate Samples (Glucose, Fructose, Lactose, Maltose, Sucrose & Starch).	<b>13-16</b>
2.	Quantitative Analysis of Reducing Sugars (DNSA Method).	<b>17-18</b>
	<b>□ Basics of Proteins.</b>	<b>19-20</b>
3.	Precipitation of Proteins.	<b>21-23</b>
4.	Color Reactions of Proteins & Amino Acids.	<b>24-27</b>
5.	Identification of Unknown Protein Samples (Albumin & Casein).	<b>28-30</b>
6.	Quantitative Analysis of Proteins (Biuret Method).	<b>31-32</b>
	<b>□ Basics of Urine Analysis.</b>	<b>33-37</b>
7.	Qualitative Analysis of Urine for Abnormal Constituents.	<b>38-41</b>
8.	Estimation of Urinary Creatinine.	<b>42-43</b>
	<b>□ Basics of Blood Analysis (Colorimetry).</b>	<b>44-45</b>
9.	Determination of Blood Creatinine.	<b>46-48</b>

S.No.	Experiment	Page
10.	Determination of Blood Sugar.	49-50
11.	Determination of Serum Total Cholesterol.	51-52
	<input type="checkbox"/> <b>Basics of Buffer Solution.</b>	53-54
12.	Preparation of Standard Buffer and Measurement of pH.	55-56
13.	Study of Enzymatic Hydrolysis of Starch.	57-58
	<input type="checkbox"/> <b>Basics of Salivary Amylase.</b>	59-60
14.	Determination of Salivary Amylase Activity.	61-63
15.	Study the Effect of Temperature on Salivary Amylase Activity.	64-65
16.	Study the Effect of Substrate Concentration on Salivary Amylase Activity.	66-67
	<input type="checkbox"/> <b>Basics of Lipids.</b>	68-71
17.	Qualitative Analysis of Lipids Sample.	72-74
18.	Isolation of Casein From Milk.	75-76
		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>