

# Identifying Carbohydrates Using Simple Chemical Tests



Lab # 4

Miss School, Miss Out!

# Identifying Carbohydrates Using Simple Chemical Tests

- **Question:** Can carbohydrates in solution be identified by simple chemical tests?
- **Hypothesis:**
- **Procedure:** Follow instructions
- **Observations/Data:** Qualitative observations
- **Analysis & Conclusion:**

# Qualitative Observations



	Benedict's Test		Iodine Test
	Color Before Heating	Color After Heating	
Control (H <sub>2</sub> O)			
Glucose			
Sucrose			
Starch			
Unknown			

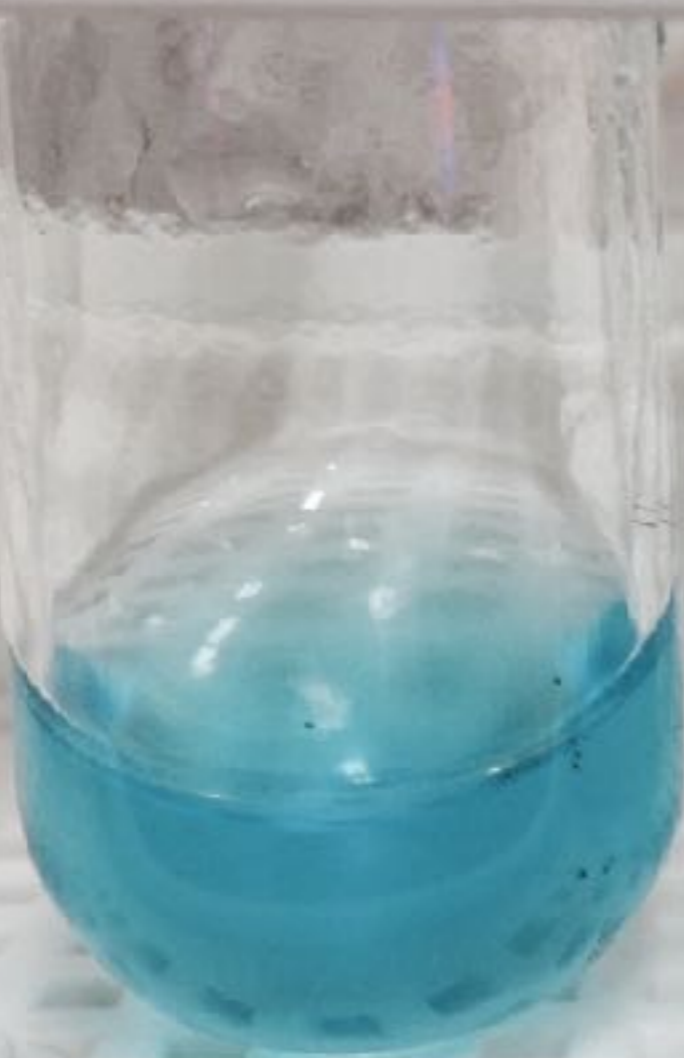
# Identifying Carbohydrates Using Simple Chemical Tests



Qualitative  
Observations

Miss School, Miss Out!

# Benedict's Test

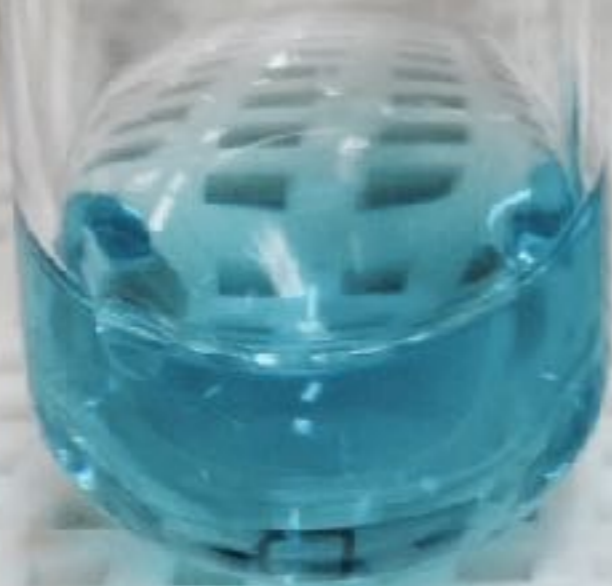


Sucrose

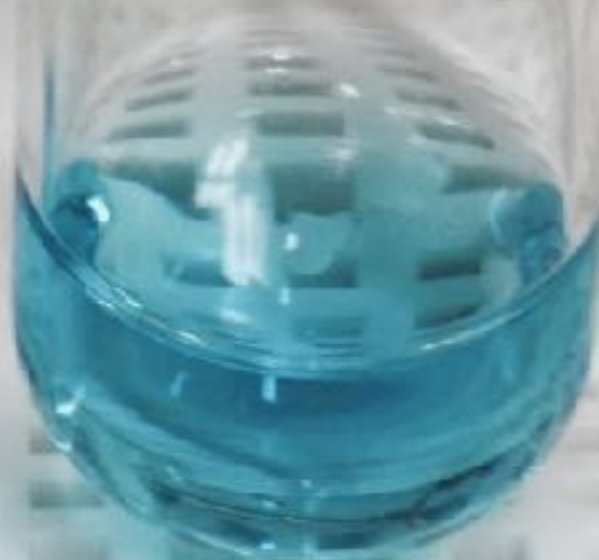


Control

# Benedict's Test



Starch



Control

# Benedict's Test



Glucose



Control

# Iodine Test



Sucrose



Control



# Iodine Test



Glucose



Control

# Iodine Test



Starch



Control

# Iodine Test

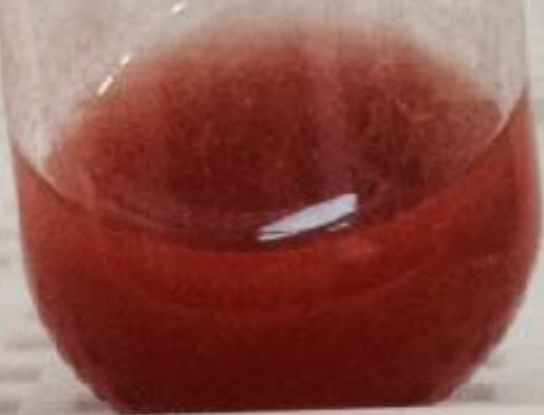


Unknown



Control

# Benedict's Test



Unknown



Control

# Properties of Water Demo

