

AL-RASHEED PHARMACY

Dpt.

3rd year 1st semester

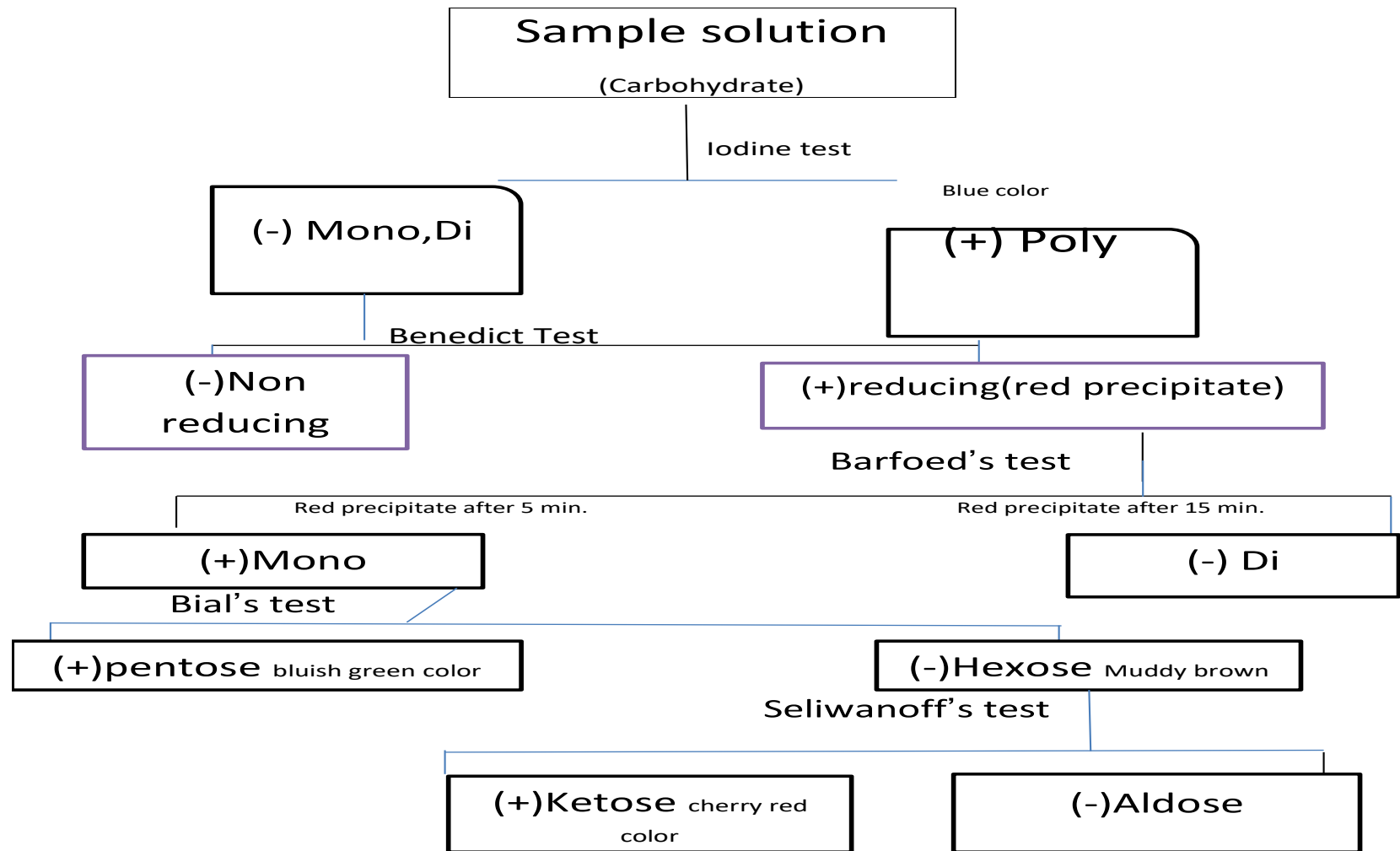
Biochemistry

Lab 4

Carbohydrates review

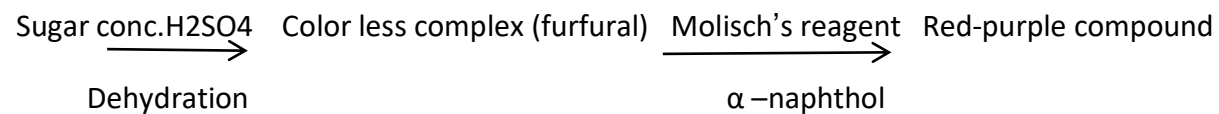
Carbohydrates review

Identification of the nature of sugars in sample

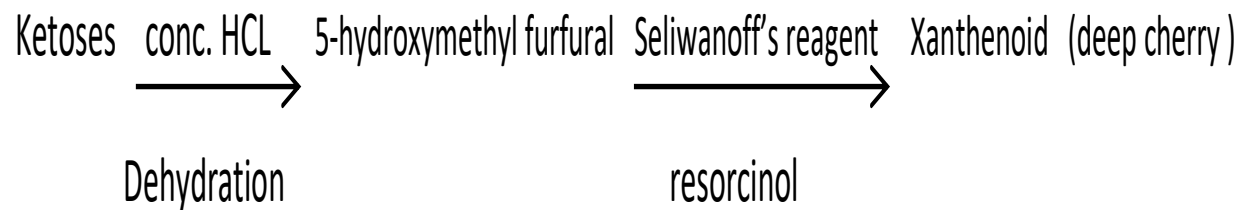


Carbohydrates Tests Principles

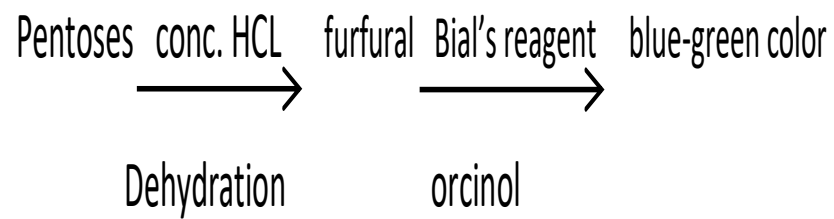
1-Molisch's Test



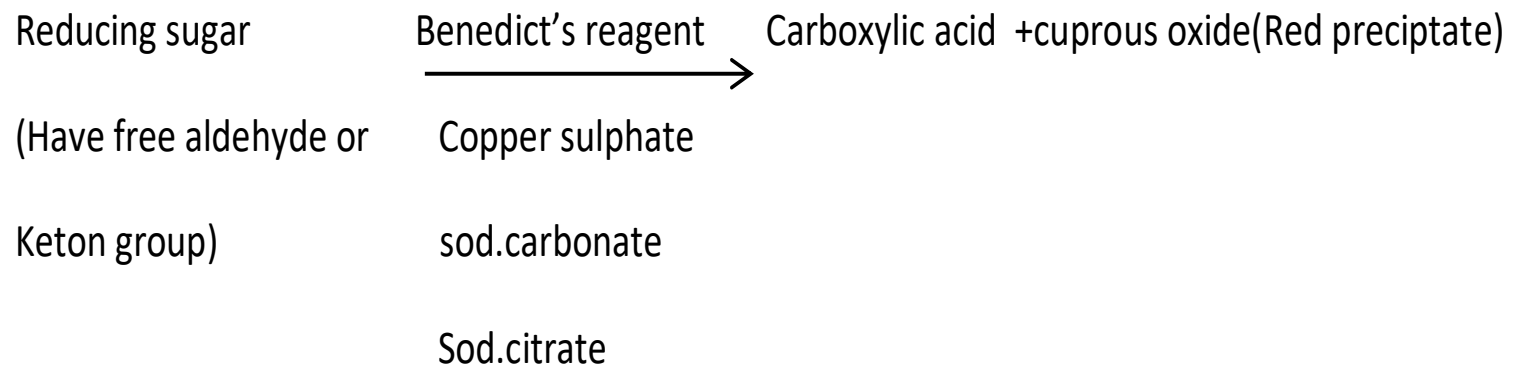
2- Seliwanoff's Test



3- Bial's Test



4- Benedict's Test



5- Barfoed's Test

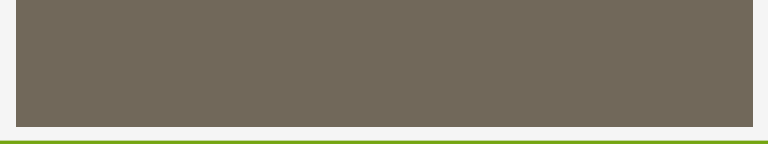
Mono or disaccharide	Barfoed's reagent	Red precipitate within 5 min. (Monosaccharide)
	Copper acetate	Red precipitate within 15 min. (Disaccharide)
	Acetic acid	

6- Iodine Test

Starch Iodine reagent → Blue color complex

Dextrin Iodine reagent → Reddish-purple color complex

Glycogen Iodine reagent → Reddish-brown color complex



THANK YOU FOR LISTINING

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