

Qualitative Organic Analysis

Date: _____ Name: _____

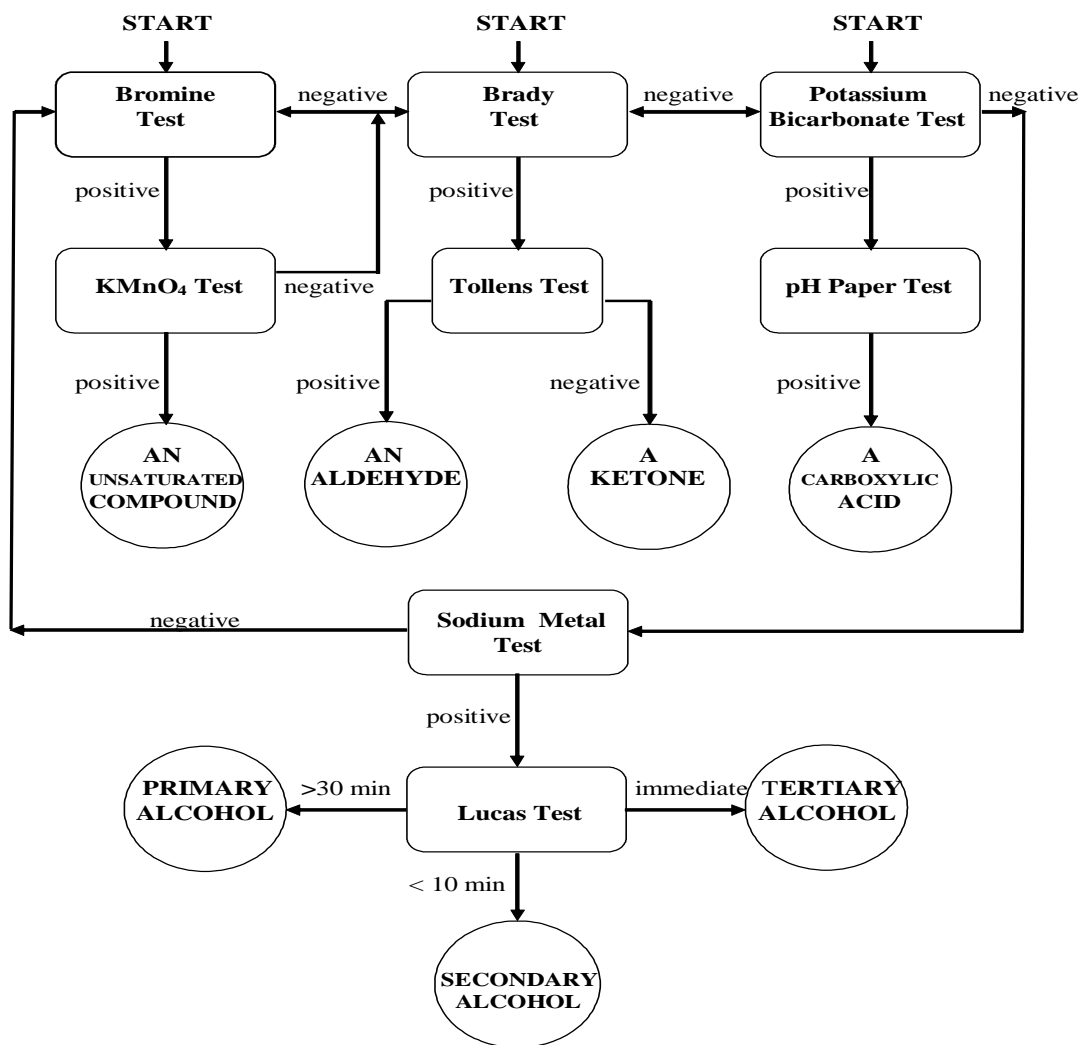
Lab Time and Day: _____

OBJECT: To identify the functional group present in each of two organic compounds.

PROCEDURE: As in Chemistry 1110 lab manual, pp. 73 – 77.

Note: There is no mark associated with the write-up for this lab; only an unknown mark based on your identification of the functional groups present in your compounds will be given. It is important to make good observations of the reactions which take place during the tests so that you will make the correct inference from your observations.

You **must** begin at **any one** of the indicated START locations.
Follow the flow chart accordingly after you have determined your results.



Test	Observations				Result
	Known Positive	Known Negative	Unknown # _____	Unknown # _____	
KHCO ₃					
pH Paper					
Brady					
Tollen's					
Bromine					
KMnO ₄					
Na Metal					
Lucas	1°				
	2°				
	3°				

CONCLUSION:

Unknown # _____ contains the functional group _____

Unknown # _____ contains the functional group _____