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Name_____

TLC of Fruit Juices Worksheet

Data Table

Bottom line to solvent line, mm _____

Carboxylic Acid	Distance Traveled	Calculations	R_f Values
Citric Acid			
Succinic Acid			
Tartaric Acid			
Fruit Juice			

Post-Lab Questions and Calculations

1. Why are the acid spots yellow on a blue-green background?

2. Calculate the R_f values for each acid and the spots identified in the fruit juice chromatograph.

3. Based on these results, which, if any, of the three fruit acids are found in the fruit juice sample?

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