Quality Check for Soft Drinks

Least Count = 0.001 cm

Volume of water in the beaker	Clear image of tip of the pin (Reading A)				Clear image of tip of the pin seen through the liquid (Reading B)				Clear image of the saw dust scattered on the surface of liquid. (Reading C)				C-A (cm)	C-B (cm)	μ
	MSR (cm)	VSC	VSR (cm)	OR (cm)	MSR (cm)	VSC	VSR (cm)	OR (cm)	MSR (cm)	VSC	VSR (cm)	OR (cm)			
40 ml	5.25	36			5.30	25			5.9	9					
60 ml	5.25	36			6.15	7			7.2	18					

Hint for the calculations:

VSR = VSC x LC

OR = MSR + VSR