

Results

Table 1. Mass of tablet powder

Conical flask	Mass of empty flask (g)	Mass of flask + tablet (g)	Mass of tablet (g)
1			
2			
3			

Table 2. Titres for the three trials

Volume\Trial	1	2	3
Start (mL)			
Finish(mL)			
Total (mL)			

Table 3. Mass of ascorbic acid (vit-c), (molar mass of vit-C = 176 g/mol)

Trial	Mass of vit-C present (g)
1	titre(L) X 0.100 X 176 = (g)
2	titre(L) X 0.100 X 176 = (g)
3	titre(L) X 0.100 X 176 = (g)

Table 4. Calculations of the concentration of Vit-C in (%m/m)

Trial	Mass of tablet (g)	Mass of Vit-C	Concentration of vit-C (%m/m)
1			$\frac{\text{mass of vit-C}}{\text{mass of tablet}} \times 100 =$
2			$\frac{\text{mass of vit-C}}{\text{mass of tablet}} \times 100 =$
3			$\frac{\text{mass of vit-C}}{\text{mass of tablet}} \times 100 =$