ASSAY

Analyt: Salicylic acid

Volumetric solution: NaOH 0'1M

Titre of volumetric solution: 0'9998

Type of titration: Direct

Titration No.	m [g] *(4 decimal places) or* V [ml]	Consumption of VS [ml]	ASSAY
1.	0'1201	6'35	75'0718
2.	0'1212	6'88	78'3777
3.	0'1187	6'75	78'5163
4.	0'1199	6'78	78'0760
		Average	77'5105

STATISTICAL EVALUATION:

Range: **R =** 3'4445

Standard deviation *(estimated from range)***:**   **sd =** 13'7780

Relative standard deviation: **RSD =** 17'7757

CONCLUSION *(does your sample meet/not meet Ph. Eur).***:** My sample not meet Ph. Eur because the averange of the assay (77'5105) is not in the interval of salicylic acid 99'0-100'5%