

ASSAY**Analyt:** Salicylic acid (AS)**Volumetric solution:** NaOH 0.1M**Titre of volumetric solution:** 0,9998**Type of titration:** Acid-base titration**1mL of 0,1M NaOH is equivalent to 13.82mg of AS**

Titration No.	m [g] (4 decimal places) or V [ml]	Consumption of VS [ml]	ASSAY (%)
1.	0.1212	7.83	89.2
2.	0.1205	7.79	89.26
3.	0.1199	7.75	89.25
4.	0.1200	7.74	89.06
Average			89.19

STATISTICAL EVALUATION:**Range:** $R = 0.2$ **Standard deviation (estimated from range):** $sd = 0.09714$ **Relative standard deviation:** $RSD = 0.1089$ **CONCLUSION (does your sample meet/not meet Ph. Eur).:** The content should be between 99-100.5% and we have 89.19% so it doesn't meet with the pharmacopeia.