

ASSAY**Analyte: Amonium chloride****Volumetric solution: 1 M Sodium hydroxide****Titre of volumetric solution: 1.0101****Type of titration: Acid-base titration**

Titration No.	m [g] (<i>4 decimal places</i>) or V [ml]	Consumption of VS [ml]	ASSAY
1.	1.0100	11.67	63.053
2.	1.007	11.57	62.5129
3.	0.9995	11.15	60.2437
4.	1.0005	11.18	60.4058
Average			61.5538

STATISTICAL EVALUATION**Range:** **R = 2.8093****Standard deviation (*estimated from range*):** **sd = 1.2451645925339****Relative standard deviation:** **RSD =2.34%****CONCLUSION (*does your sample meet/not meet Ph. Eur.*):** **yes**