<u>Titration Curves</u>

0.1 M HCl titrated with 0.1 M NaOH (Titration of a strong acid with a strong base)

 $HCI + NaOH \rightarrow H_2O + NaCI$ Overall reaction:

Volume of OH ⁻ added (mL)	Volume of HCl (mL)	Total volume (mL)	n _H ⁺	[H ⁺]	n _{OH} -	[OH ⁻]	рН
0	25						
10	25						
15	25						
20	25						
24.9	25						
25	25						
25.1	25						
30	25						