

Titration Curves

I. Strong Acid + Strong Base

0.1 M HCl

0.1 M NaOH

25.0 mL

25.0 mL

2.5×10^{-3} mol

2.5×10^{-3} mol

1. Initial pH



0.1 M 0.1 M

$[\text{H}^+] = 0.1 \text{ M}$

$$\text{pH} = -\log \text{H}^+ = 1.00$$

