Question #81985, Chemistry / General Chemistry | for completion

Burst contains 0.130 M NaOH. What volume of NaOH is need to reach the end point of the titration.

Answer:

C_M=0.13 M (NaOH)

C_N=1 N (40 g NaOH / 1 L) = 1 M

1 – 0.13 = 0.87 M

Formula: $C_N = n_{equivalent} / V$, therefore $V = n_{equivalent} / C_N$

V=0.87/1=0.87 L = 870 ml