

Experimental data:

Concentration of $\text{K}_2\text{Cr}_2\text{O}_7$ (N1): 0.0989 M

Volume of $\text{K}_2\text{Cr}_2\text{O}_7$ (V1):

Burette level	Trial-I	Trial-II	Trial-III	Trial-IV
Final reading	4.8	4.7	4.8	4.8
Initial reading	0	0	0	0
Vol of $\text{K}_2\text{Cr}_2\text{O}_7$ (ml)	4.8	4.7	4.8	4.8

Volume of Fe solution (V2): 25ml

Weight of hematite ore dissolved in 1L of acid: 1.5 gm