

9/27/2022

Experiment 5 / Lab #5

mass of 15 ml conical tube, empty before titration: 6.9033 g
 mass of 15 ml conical sample of milk of Magnesia ^{titration} in 18.5106 g
 Volume of sample of milk of magnesia for titration: 11.2 ml
 Initial HCl(aq) buret reading titration: 1.041 ml
 Final HCl(aq) buret reading titration: 37.39 ml

Mass of 15 ml conical tube empty before titration 2: 6.9033 g
 Mass of 15 ml conical + sample of milk of magnesia for x: ^{titration 2} 18.5106 g
 Initial HCl(aq) buret reading titration 2: 0.35 ml
 Final HCl(aq) buret reading titration 2: 40.21 ml
 Volume of sample of milk of magnesia for titration 2: 11.5 ml

~~Mass of 15 ml conical tube, empty be~~

HCl(aq) M = 0.8491

estimated PH: 8