Experiment Dersonial provalue of acet out

Apparatus - protte burette, beakers, punnel, purite

Cheminals Required - Sodium hydroxide (Ma 04) and suction ared (My 1004)

Chemical Eurobiums - MA (og) + Ma onlow) - Mu A (og) + Mo onlow) - Mu A (og) + Mo onlow) - Mu A (og) + Mo

Observations - Normality of stouard No 04 = 0.1N

Vol.	of MOH added pro	m pH
th	purette (mL)	
1	0.5	2.85
2	0.7	3.77
3	12	3.96
4	117	4.10.
5	2.2	4.24
6	2.7	4.36.
7	3.2	4.44
6	3.7	4.56
q	4.2	4.65
10	4.9	4.75
11	5.2	4.85
12.	5.7	4.92

at No.	Date
Expt. No.	D
Experiment-8	
sim- Determine provalue of titration.	4 Wat.
titlation.	over our by pH meter
Theory - A pH notes will be	used to asker a 11 the
of an unknown i	used to follow the literation clar and of Alag) with
Sodillin hydroside	Na on (ay)
HA(oy) + Na(oH(oy))	- Nu A (su) FM, O
Ite weak and has a rence	nthution whound o. I M. IL
while which its not us St.  The fitaution of St.	ne of North plat is "5" Stuped
the titlation of It has we	lep us the one arising from
will be ut alkaline offer	U. The equivalence product (this time)
than the equipplery sin	t. the some entaction of
will be ut celkaline per (no them the equivalence point unsnown and HA is pound.	In addition the
Monestant Ky con be determine	W.
HA+HOO - HOT +A	PHI p Ka + Log [ Sallforn ] [ wid for Henderson - Huss elbalish ay
	Henderson-Husselbakon gu
KA=[H3 O+][A]	
[MA]	
broudure - A). Lit hation of	unknown HA with standard Noor.
lalibrate se pu mette with	standed buffle sell of pt=4
and he pu must	Teacher's Signature Aylloh.

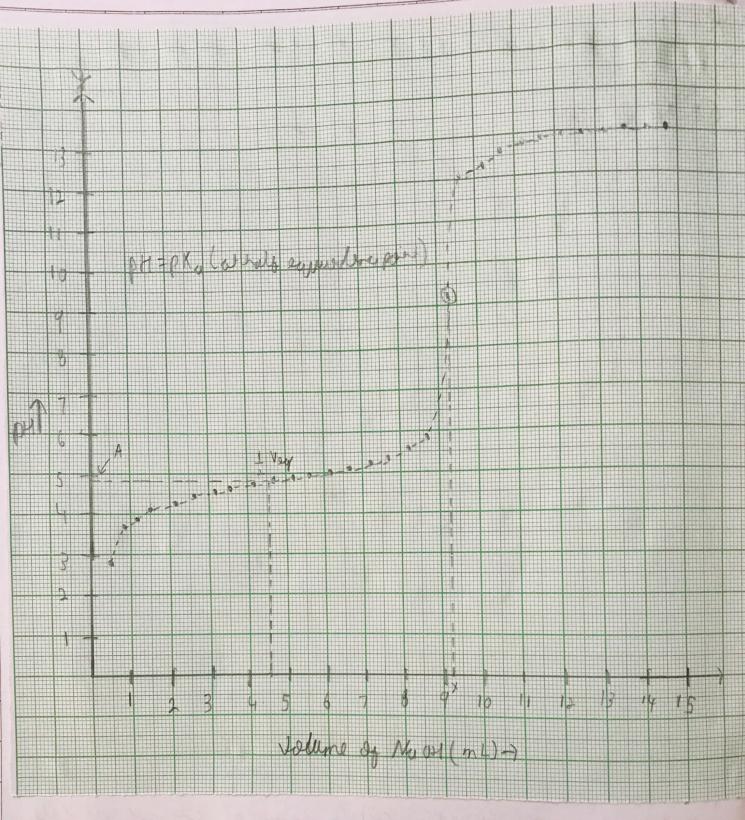
113.	6.2	5.05
14	6.7	5.18
15.	7-2	9.31
16.	7.7	5.46
17.	8.2	5.62
		5.97
18	8.7	9.86.
114.		12.01
120	9.7	
21.	10.7	12.36
22.	10.7	12.52
23.	11.2	12.64
20	1 117	12.70
25.	12.2	12.76
26.	127	12.82
27	132	12.87
28.	13.7	12.90
24.	14.2	12.94
300	14.7	1295.

from the graph of under :- Walter of My cook of the cook

Navor (ml) not equivalent	half ravioled post	pro rule
x(along x-alus)	3 (010) (X-01/2))	PH of I A laby!
	3=4.55	4.8

	No
Expl	NoPage No
	paper los tien the busette son that the tithant was be failly willed.
2.	Pipette dut somly get and into a coon beake, dip ene ylars electrod. Record the pr.
1.	Initially odd 0.5 ml dy 0.1 Marx Solution ut a time, second
	oddo. I ml of Navel than 0.2-0.3 were, then start oddo. I ml of Navel weeks but time (i.e peur to the equivalence point, durever the volume of Navel odded) so that the share in pris small enough to yeild a your of shape of peut.
4.	April the rapid change in pMI repter the equi ordest pariety, the
	per sovition. Make at bost 10 mo additions after the
	per supition. Make at bost 10 mo additions after the
	equivalence point so hat he engire with the pewleur
	un le photted.
5.	pka is determined by examining the tithation where the
	royative lay of Ka is p Ku and is same as the pri we half
	the solume of equivalent point. (PH= pky when historian
	term in serve which it turn is serve one [ balt]- Carid
	This is there at half, equivale point (F. Henderson
_	Musselbalin gynatish.
_	
_	

Teacher's Signature \_ dyush.



Result- Le pku of acetic ocid is 4. 8

1	Date
Expt	NoPage No
	Rosert - The pka of acetie oud is 4.8.
	Perecutions i Ringe The pipette whethe with the Beel" the see knowsperled to the fithering
(li)	De not hind the tithation plash.
	Teacher's Signature Ayuth.