## Observation and Calculation:

S.No	Starting point	End point	Vol. consumed
1.	8.4	11.0	2.6
2.	11.0	14.0	3
3.	14.0	16.5	2.5

Avg. vol. consumed = 2.6+3+2.5

$$(800) = 801 = 12.7 \text{ mL}$$

.1. brail m/m = ml of NaOH X N of NaOH X 0.06183 X180

Weight of sample x 1.0

=) 41.7.1.

	Date				
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Principale:					
Its assay is based whom and	id have tilestice				
Boxic acid and hence cannot be titrated					
Standard alkali hut when					
dissolved in glycerine water mixture, it acts					
dissolved in glycerine water mixture, it acts like a strong monobasic acid and now can					
be titrated with standard alkali using phenol ph thalein as an indicator. The reaction with aluserine in as a colleges					
phenolph thalein as an indicator. The reaction					
with glycerine is as follows	2				
CH2OH	CH2OH HOCH				
1 HO	CH <sub>2</sub> OH HOCH <sub>2</sub>				
2 CH2 OH + B-OH → H+	HC-0 10-CH +				
HO	B: 3H20				
CH <sub>2</sub> OH	H2C-0-0-CH2				
Colycerd Bosic and	Chycer Oborate				
Procedure:					
1 Accurately wasted as a second					
1. Accurately weigh 2 g of substance and dissolve in some of water and 100 ml of glycerol previously neutralized with phenolphthalein					
of alycenal breviously neutralized will					
bheno I bhthalein					

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2. The solution is tital using phenolphthalein At the end point	solution as an indicator colour changes to ned.
3. Note down the volum	re of IN NOOH consumed.
Each 1 ml of INN	aOH = 0.06183g of H3B03
Result:	
The 1. purity of box array was found to	ic ocid by chemical be 41.7%.
	Teacher's Signature