Exp1: Standardization of Sodium Hodroxide (NaOH) Solution with Standar Oxalic Acid (C21+204:2H20)

Solution.

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Experimental Data: Weight takenlingmyor

Weight takenlingm/x01 Strength of exalic acid solution = 0.63

= 0.098 N

Table: Sandardization of supplied NaOH solution against standard exalic ocid solution by acid-base titration.

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No of	Vol. of Moot Vol. of Oxalic acid (burety reading) (inm)				
			Final	Dirserera	1
1	10	0.00	8.50	8.20	
2	10	8.50	17.10	8.60	3.50+8.60+8.50
3	10	17.10	25.60	8.50	= 8.533
	peading I	recading (in ml) 1 10 2 10	reading (in mL) Initial 1 10 0.00 2 10 8.50	reading (in mL) Initial Final 1 10 0.00 8.50 2 10 8.50 17.10	1 10 0.00 8.50 8.50 2 10 8.50 17.10 8.60

Calculations:

The Strength of supplied NaOH solution:

Results: The strength of supplied NaOH solution is 0.08\$ (N).