pH Metry $\label{eq:concentration} \mbox{Concentration of NaOH} = 0.1 \ N$

Vol. NaOH	pН	Vol. NaOH	pН	Vol. NaOH	pН	Vol. NaOH	pН
(mL)		(mL)		(mL)		(mL)	
0	1.86	20	2.66	31.1	4.07	46.5	9.53
0.5	1.86	20.5	2.69	31.3	4.21	47	9.56
1	1.87	21	2.73	31.4	4.35	47.5	9.57
1.5	1.89	21.5	2.75	31.5	4.41	48	9.59
2	1.91	22	2.78	31.6	4.68	48.5	9.62
2.5	1.93	22.5	2.81	31.7	5.75	49	9.65
3	1.95	23	2.85	31.9	6.98	49.5	9.7
3.5	1.96	23.5	2.89	32	7.21	50	9.72
4	1.98	24	2.9	32.1	7.52	50.5	9.74
4.5	2	24.5	2.93	32.2	7.71	51	9.75
5	2.01	25	2.97	32.3	7.8	51.5	9.79
5.5	2.03	25.5	3.02	32.4	7.89	52	9.83
6	2.04	25.6	3.01	32.5	7.95	52.5	9.86
6.5	2.06	25.7	3.02	32.6	8.04	53	9.89
7	2.08	25.8	3.04	33	8.1	53.5	9.91
7.5	2.1	25.9	3.05	33.5	8.2	54	9.93
8	2.11	26	3.06	34	8.36	54.5	9.97
8.5	2.13	26.5	3.1	34.5	8.49	55	10
9	2.15	27	3.15	35	8.59	55.5	10.04
9.5	2.16	27.5	3.21	35.6	8.66	56	10.07
10	2.19	27.6	3.22	36	8.77	56.5	10.1
10.5	2.21	27.7	3.24	36.5	8.79	57	10.13
11	2.23	27.8	3.24	37	8.86	57.5	10.16
11.5	2.25	27.9	3.25	37.5	8.91	58	10.19
12	2.27	28	3.27	38	8.96	58.5	10.23
12.5	2.3	28.5	3.34	38.5	9	59	10.25
13	2.33	28.6	3.36	39	9.04	59.5	10.33
13.5	2.34	28.8	3.38	39.5	9.08	60	10.36
14	2.37	28.9	3.4	40	9.11	60.5	10.4
14.5	2.4	29	3.51	40.5	9.15	61	10.44
15	2.43	29.5	3.53	41	9.2	61.5	10.5
15.5	2.45	29.6	3.56	41.5	9.23	62	10.55
16	2.5	29.7	3.58	42	9.27	62.5	10.6
16.5	2.51	29.8	3.6	42.5	9.29	63	10.67
17	2.53	29.9	3.64	43	9.32	63.5	10.71
17.5	2.55	30	3.67	43.5	9.36	64	10.76
18	2.57	30.1	3.78	44	9.38	64.5	10.83
18.5	2.6	30.5	3.82	44.5	9.4	65	10.87
19	2.63	30.9	3.93	45	9.44	65.5	10.94
19.5	2.65	31	3.99	45.5	9.45	66	10.99