

## VALORACIÓN ÁCIDO FUERTE CON BASE FUERTE

Volumen NaOH añadido	Volumen total	Moles HCl que reaccionan	Moles HCl que quedan	[HCl]	Moles NaOH	[NaOH]	pH	Derivada pH
0.00	50.00	---	0.00500	0.10000	---	---	1.00	
10.00	60.00	0.00100	0.00400	0.06667	---	---	1.18	0.0176
20.00	70.00	0.00200	0.00300	0.04286	---	---	1.37	0.0192
30.00	80.00	0.00300	0.00200	0.02500	---	---	1.60	0.0234
40.00	90.00	0.00400	0.00100	0.01111	---	---	1.95	0.0352
45.00	95.00	0.00450	0.00050	0.00526	---	---	2.28	0.0649
46.00	96.00	0.00460	0.00040	0.00417	---	---	2.38	0.1015
47.00	97.00	0.00470	0.00030	0.00309	---	---	2.51	0.1294
48.00	98.00	0.00480	0.00020	0.00204	---	---	2.69	0.1805
49.00	99.00	0.00490	0.00010	0.00101	---	---	3.00	0.3054
49.50	99.50	0.00495	0.00005	0.00050	---	---	3.30	0.6064
49.90	99.90	0.00499	0.00001	0.00010	---	---	4.00	1.7518
50.00	100.00	0.00500	0.00000	0.00000	---	---	7.00	30.0043
50.10	100.10	0.00001	---	---	0.00001	0.00010	10.00	29.9957
51.00	101.00	0.00010	---	---	0.00010	0.00099	11.00	1.1068
52.00	102.00	0.00020	---	---	0.00020	0.00196	11.29	0.2968
53.00	103.00	0.00030	---	---	0.00030	0.00291	11.46	0.1719
60.00	110.00	0.00100	---	---	0.00100	0.00909	11.96	0.0706
70.00	120.00	0.00200	---	---	0.00200	0.01667	12.22	0.0263
80.00	130.00	0.00300	---	---	0.00300	0.02308	12.36	0.0141
90.00	140.00	0.00400	---	---	0.00400	0.02857	12.46	0.0093
100.00	150.00	0.00500	---	---	0.00500	0.03333	12.52	0.0067

**Concentración**

**HCl: 0,1 M**

**NaOH: 0,1 M**

**Volumen inicial**

**HCL: 50 mL**

## Ajuste gráfico del volumen de equilibrio

### Gráfico pH vs V

Ve ajustado = 50 (parámetro a modificar)

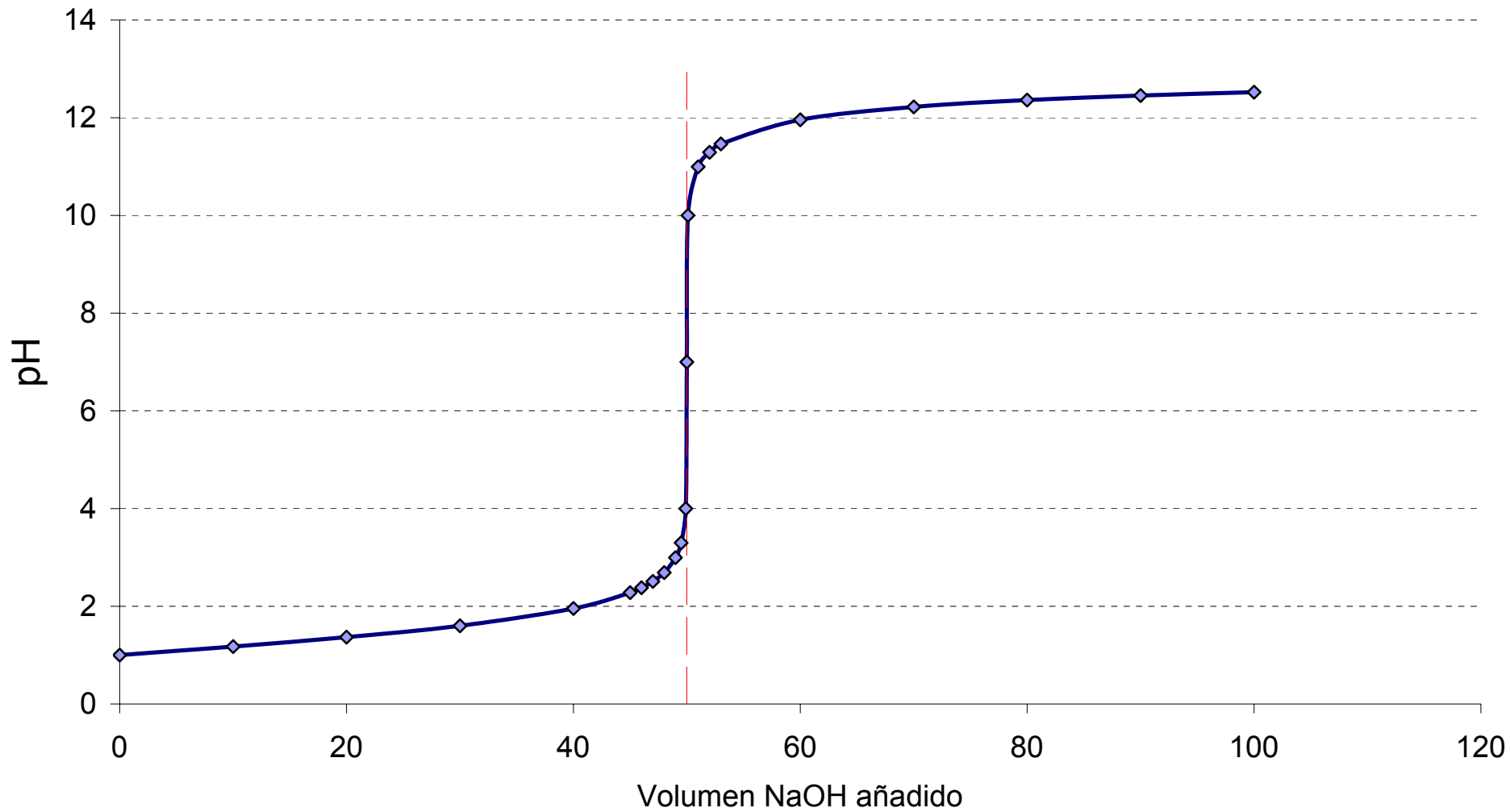
Tabla		
50		0
50		13

### Gráfico DpH vs V

Ve ajustado = 50 (parámetro a modificar)

Tabla		
50		-1
50		34

# Valoración ácido fuerte con base fuerte



# Derivada de pH en la valoración ácido fuerte con base fuerte

