Totrogo In collecte: - hodare si methode colori metrique 0,05ml - burette 0,2 % - 0,5% - methode - god ~ 0,05 ml Acide - bosique ( 00) ) 00 + 41 = Now - = Ho - Acid fort por bose Porte Noo4, C, 2 Hy acid fat co => [H30+] = Co no = Covo | pH = -log Co RT: H30+ H0= 2H20 (e) 1 = 1014 25°C À l'oquiulenc (Veg = CoVo Co = C Veg on le consider totole linde Evalular du pH l'equivolence 19=0: - log Co OL VE Deg: | On Corricle le redion titol

otzot + 1+0 = 24,0 EJint GVo No to = C (Veq - 70)

L'autoprotology domain: 2 tho = H30+ +H0-PH=7/2 mobil - delinenI Coin de l'opinione. [Hz=120 Hzo+ + Ho = = 26/20 to (co-van) / Fico  $pH = -\log h = \frac{\log t H_3 o^{+}}{14 + \log \left(\frac{C(n_0 - n_{eq})}{n_0 + n_0}\right)} h \frac{C(n_0 - n_{eq})}{n_0 + n_0} = te$ PH -> 14 + Rog c - 14 + log C 7 = = [+0 /] = co +of dea Vey Por racharher From , toy = - Cod ( C(vor - 3) herethory of Oron ~ [10- pt (20 +20) = C(veg -20)] 1000-cro) = [10ph] Ash = - mal (Chad-other et on (0-1201) 2 = 000 = / 04 ops.

Acide Poible / box fate AH + HO = A + H20 H°>>1 - Soud Na DU C, ve qualither, rapid. H and Sible

n, = Covo 0=0: AH+ H20 = A-+ H30+ KA Co(1-0) / QG QG  $pH = -log(\alpha G) \qquad TA = \frac{\alpha^2 G^2}{G(1-2)} \sim \alpha^2 C_0$   $pH = + \frac{1}{2} \left( pH_A - log G_0 \right) \qquad = > \alpha = \sqrt{\frac{KA^2}{C_0}}$ 10 de very (A4 + Ho = A + Ho) Covo - 1 / [Th] = Cro (Covo-cro) / cro / [Th] = cro TANT TANT SpH = pHA + Rog ( TA-3) tirs vrai. opplish pH = ptr + log ( Cro-10) TpH=pff4 + Cog (29-10)

Acide Pible I box lots [A] = Crag A-+Hzo+ - AH + 420- KB = KA craq-w1 w He = = W2(26 + 200) Coteq = W (Ceveq - W) (No troa) W= TR VCVay hw= te h = VITA the Votoes of pH = + = (ptu + Fite + log ( Creg 14+ log ( c(v-vey)