Date: 20 / \$ /2025 Buffer Solution spirit delast هو المحلول الذي يقاوم التغري PH عند إخافة حمض ا قاعده مع تركيل weak a cide + it's salt CH3 Coo A weak base + it's salt CH3 cooNa ex-CH3000H 1m2 CH3000Na 1m 2 ka= 1-8 x10-5 PH= 4.742 2 PH of MCL = ol mol PHOPNOOH = 01 mol CH3 COOH2 - CH3 COO + H+ CH3 coo Na = CH3 coo + Nat Ka= 1-8×10-5, 1[H+] THT = 1-8 x 10-5 CH3 COOH = CH3 COO + H+ 0.991 ka = [CH3COO][H) [CH3COOH] @ اذاكات الشركزات بكميه معزه لكن اذاكات بكميه كرم بوجر حلاً HA= N+ A Ka- [H-][A] LO9N+ LO9[H] + LO9 [A-] CHAJ PH = - LO9[H+] Pka = - 69 ka 109 ka = - 109 [H+] - 109 [A-] PKa = PH - Log [A-] [HA] [HA] PH - Pka 109 [501+] [acid]

9.00

Acid - base Titration بن ماده محصوله بواسمه ماده معلومه Titration Curve 5.B WA " Ohs we be book Whowh () ice cheen rotation indicator EX: UB + SA The detector is m.o. Ex WA+5B The dec detector is m.ozPh.Ph The deed detector is Ph-Ph 2025/4/20 22 0 - 40