

			1
:	. . :	3 :	

2.5..... -1

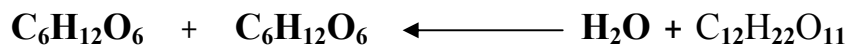
		Na OH + Cu SO₄	

: - _1

0.5..... -

0.5 () + : -

0.5 -3



-2

0.2

1.....

0.5..... -3

0.5 = - - - / -

0.5..... = - -

0.5 + = * /

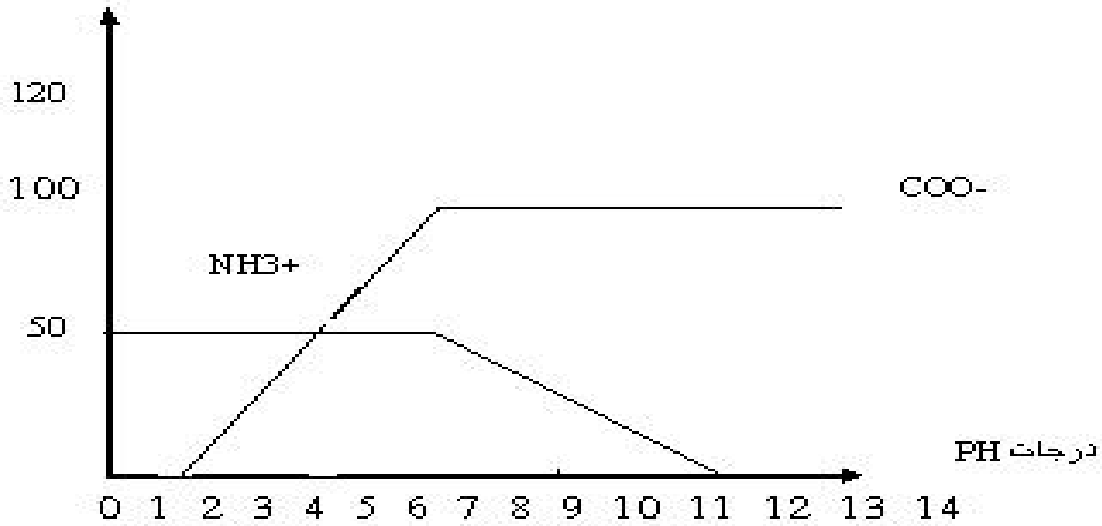
0.5 + = *

		1
:	. . . :	3 :

1.....

-2

نسبة تايون NH_3^+ , COO^-



2.....:

	(PHi)	(-)	= (+)			
	COO^-			PHi	PH	-
					NH_3^+	
					PHi = PH	-
NH_3^+		(+)		PHi	= PH	-
					COO^-	
					$4.5 = \text{PHi}$	-

1.5..... : (1)

- 4	- 1
- 5	- 2
- 6	- 3

0.5..... (2)

0.5.....	- -
0.5.....	- -
0.5.....	- -

		1
:	. . :	3 :

3/2

(3)

0.5

1..... 101 = 2 =

5..... $2 \times \frac{25}{101} (20 + 273) 0,082 =$:

0.5 11,89 =

() : (4)

1 KNO₃

= % 30 : - (5)

1..... 21

0.5.....

0.5..... -

1..... :() (6)

11,89 = ()

$$\frac{ت}{342} (20 + 273) 0.082 = 11,89$$

$$ل/غ 169.24 = \frac{342 \times 11.89}{(20 + 273) 0.082} = ()$$