

2019河西高三一模

一、选择题

- 1 A 2 D 3 C 4 B 5 B 6 C

二、非选择题

7

(1) 1:3

2:四

(2) 1:增大反应接触面积, 加快溶解速率

2: H_2SO_4

3: $\text{SiO}_2 + 4\text{HF} = \text{SiF}_4 \uparrow + 2\text{H}_2\text{O}$

(3) 将亚铁离子氧化为铁离子; $\begin{array}{c} \text{H} \\ \vdots \\ \text{H}:\text{N}:\text{H} \end{array}$; $\text{Fe}^{3+} + 3\text{NH}_3 \cdot \text{H}_2\text{O} = \text{Fe}(\text{OH})_3 \downarrow + 3\text{NH}_4^+$

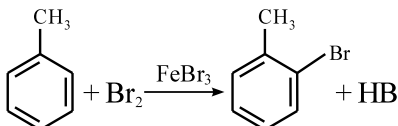
(4) $c(\text{NH}_4^+) > c(\text{SO}_4^{2-}) > c(\text{H}^+) > c(\text{OH}^-)$

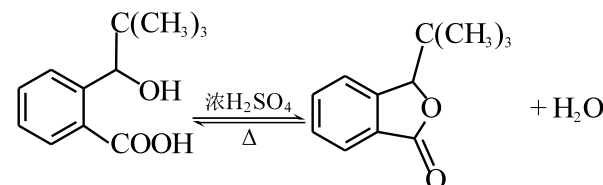
8

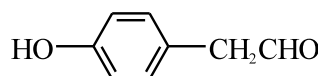
(1) 1: C_4H_8

2:消去反应

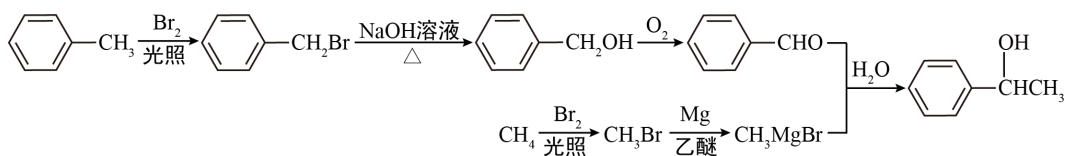
3:8

(2) 甲苯; 

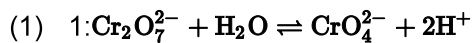
(3) 

(4) 

(5)



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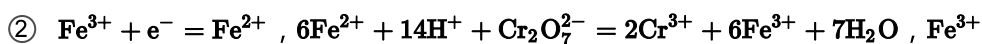
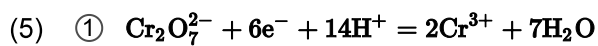
2: >

(2) 开始温度降低, $\text{pH} \downarrow$; 平衡正移, 颜色变浅, 后平衡逆移, $\text{Cr}_2\text{O}_7^{2-}$ 的浓度变大

(3) 1: 溶液颜色较 i 中颜色变浅

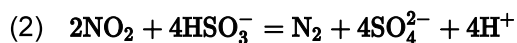
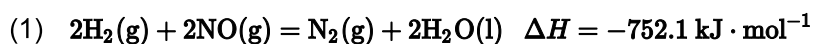


(4) 1: 酸性



的得为阳离子, 在电极中更容易故电得电子

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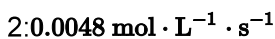
(3) 1: c



3: 升高温度

4: 加入催化剂

(4) 1: 100



3: 使用催化剂