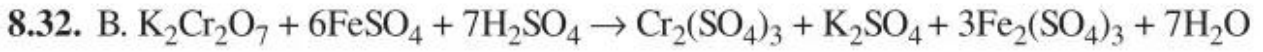


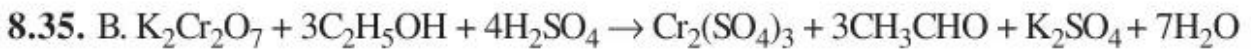
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**CHUẨN ĐỘ OXI HOÁ – KHỬ
BẰNG PHƯƠNG PHÁP PEMANGANAT**



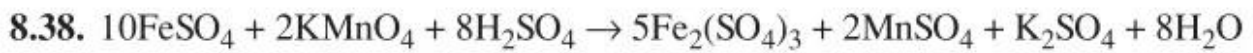
8.33. C

8.34. B



8.36. D

8.37. $\%m_{\text{FeSO}_4} = 68,4\%$

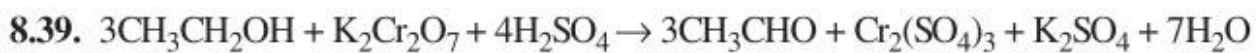


$$0,00375 \leftarrow \frac{25.0,03}{1000} = 0,00075 \text{ (mol)}$$

Số mol FeSO_4 trong 200 ml dung dịch hay trong 10 g muối sắt(II) không nguyên chất là : $0,00375.10 = 0,0375 \text{ (mol)}$

$$n_{\text{Fe}} = n_{\text{FeSO}_4} ; m_{\text{Fe}} = 0,0375.56 = 2,1 \text{ (g)}$$

$$\%m_{\text{Fe}} = \frac{2,1}{10}.100\% = 21\%$$



$$0,0006 \leftarrow \frac{20.0,01}{1000} = 0,0002 \text{ (mol)}$$

$$C\%(\text{ancol}) = \frac{46.0,0006}{25}.100\% = 0,11\% \gg 0,02\%$$

\Rightarrow Lái xe phạm luật.