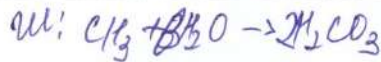


1.-Талпырма.

Бер: $\omega = 20\%$
 мерітіндегі -80%

Тік: $m(\text{C}_2\text{H}_6) - ?$
 $m(\text{H}_2\text{O}) - ?$



$$m(\text{C}_2\text{H}_6) = \left(\frac{2 \cdot 12 + 6 \cdot 1}{100} \right) \frac{20 \cdot 80}{100 \cdot 15} = 106,6$$

$$m(\text{H}_2\text{O}) = \frac{20 \cdot 80}{18} = 88,8$$

2-Талпырма.

1. Бер: $m = 32$
 $V = 20 \text{ мл} = 0,02 \text{ л}$

Тік: $C_{\text{м}} - ?$
 $\rho - ?$

Ш: $C = \frac{m}{M \cdot V}$

$$M(\text{C}_2\text{H}_4\text{O}_2) = 60 \text{ г/моль}$$

$$C = \frac{32}{60 \cdot 0,02} = 15$$

$$\rho = \frac{m}{V} = \frac{32}{60} = 0,65$$

4-Талпырма.

4. Бер: $S = 40,506\%$
 $O = 30,38\%$

$\text{ЭxOy} - ?$

Ш: $x:y = \frac{\omega(S)}{A_r(S)} : \frac{\omega(O)}{A_r(O)}$

$$x:y = \frac{40,506\%}{32} : \frac{30,38}{16}$$

$$x:y = 1,2 : 1,9$$

Шыға: SO_2

1. $m = 3,82 \cdot 10^2 \text{ г}$

Тік: $A - ?$

Шыға: $A - \text{Cu}$

3. $D(x) = 12 \text{ г/мл}$

Ш: $D(x) = \frac{M(x)}{D(x)}$

Тік: $\omega(\text{B}) - ?$

$$\omega = \frac{A_r(x)}{M_r(x)} \cdot 100\%$$

2-Таблица

$$2. \quad n_{\text{mol}} = \frac{m}{M(\text{C}_2\text{H}_4\text{O}_2)}$$

$$n_{\text{mol}} = \frac{60}{0,05} = 1200$$

