

$$m(\text{p-pa}) = 35 \cdot 1,2 = 42,2$$

$$m(\text{KOH}) = 42 \cdot 0,2 = 8,42$$

$$V(\text{KOH}) = \frac{8,42}{56 \text{ g/mol}} = 0,15 \text{ моль} \quad \uparrow$$

$$V(\text{HCOOH}) + V(\text{CH}_3\text{COOH}) = 0,15 \text{ моль} \quad \uparrow$$

$$\frac{m}{60} + \frac{(7,6 - m)}{46} = 0,15 \quad \uparrow$$

$$m = 3,2$$

$$w(\text{CH}_3\text{COOH}) = \frac{3}{7,6} = 0,395 \quad (39,5\%) \quad \text{55}$$

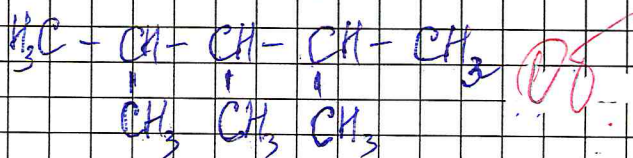
$$n_2. \quad w(\text{C}) = 100\% - 15,79\% = 84,21\% \quad \text{C}_x\text{H}_y$$

$$\begin{aligned} \left( \text{C}_x\text{H}_y \right) &= \frac{84,21}{12} : \frac{15,79}{1} = 7,02 : 15,79 = 1 : 2,25 = \\ &= 4 : 9 \end{aligned}$$

$\text{C}_4\text{H}_9$  - простейшая формула.

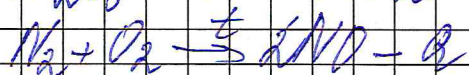
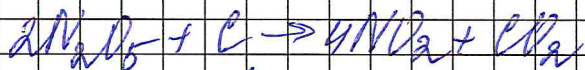
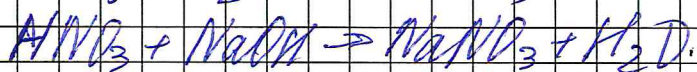
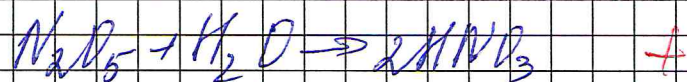
$$M(\text{C}_4\text{H}_9) = 57 \quad \text{55}$$

$\text{C}_8\text{H}_{18}$  - эмпирическая формула. 05.



2,3,4-метилпентан.

N5

~~15-~~

Общая сумма - 17  
 Проверка - 17

Всего: - 17