

- D) 120-150 °C;
- E) 126-180 °C.

28. Determine the content of P_2O_5 in sodium tripolyphosphate containing 94% $Na_5P_3O_{10}$:

- A) 54.4% ;
- B) 66.0%;
- C) 44.0%;
- D) 14.0%;
- E) 18.0%.

29. Determine the content of P_2O_5 in sodium pyrophosphate containing 99% $Na_4P_2O_7 \cdot 10H_2O$:

- A) 11.5%;
- B) 24.5%;
- C) 31.5%;
- D) 18.0%;
- E) 15.0%.

30. Calculate the mass of soda (99.5% Na_2CO_3) to obtain sodium tripolyphosphate weighing 368 kg:

- A) 266.3;
- B) 275.0;
- C) 376.02;
- D) 78.0;
- E) 16.02.

31. The content of the main substance ($Na_5P_3O_{10}$) in the highest grade sodium tripolyphosphate:

- A) 98%;
- B) 88%;
- C) 94%;
- D) 78%;
- E) 95.5%.

32. The temperature of the stage of neutralization in the production technology of sodium tripolyphosphate, °C:

- A) 80-90;
- B) 120-130;
- C) 70-80;
- D) 30-45;
- E) 190-200.

33. The temperature of the calcination stage in the production technology of sodium tripolyphosphate, °C:

- A) 80-90;
- B) 120-130;
- C) 350-380;
- D) 30-45;
- E) 290-310.

34. Sodium tripolyphosphate is used as:

- A) pharmaceutical product;