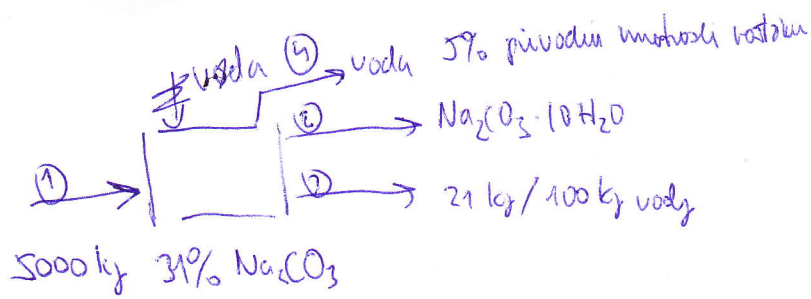


2-10



	(1)	(2)	(3)	(4)
A - Na ₂ CO ₃	0,31	0,3706	0,1736	—
B - H ₂ O	0,69	0,6294	0,8264	↑
	5000 kg	m ₂	m ₃	0,05 · 5000

Na - 23

C - 12

O - 16

M_A 106 kg/kmol

M_B 18 kg/kmol

$$\frac{106}{106 + 10 \cdot 18} = 0,3706$$

$$\frac{21}{21 + 100} = 0,1736$$

$$0,31 \cdot 5000 = 0,3706 m_2 + 0,1736 m_3$$

$$5000 = m_2 + m_3 + 250$$

$$m_2 = 4750 - m_3$$

$$1550 = 0,3706 (4750 - m_3) + 0,1736 m_3$$

$$-210,35 = -0,197 m_3$$

$$m_3 = 1067,8 \text{ kg}$$

$$m_2 = 3682,2 \text{ kg}$$