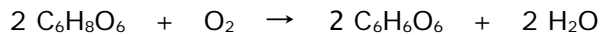
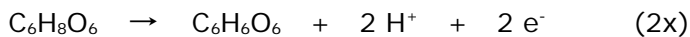
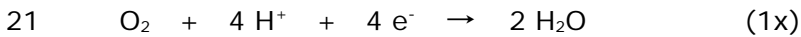
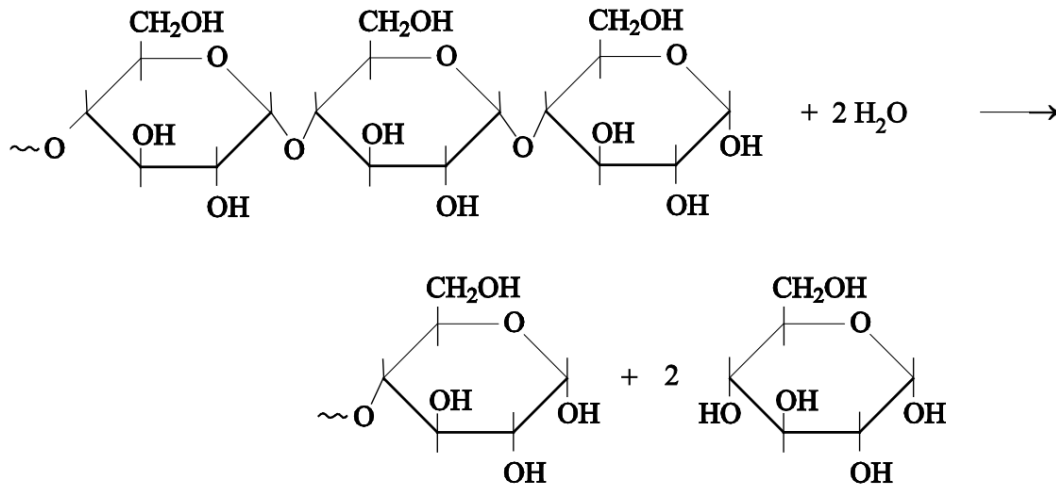


Sportdrink

19 De suikers bevatten OH-groepen. Deze kunnen waterstofbruggen vormen met water.

20



22 K^+

23 - $4,0 \text{ g NaCl} = 4,0 / 58,44 = 6,84 \times 10^{-2} \text{ mol per L}$
 - 1 mol NaCl geeft 2 mol ionen ($NaCl \rightarrow Na^+ + Cl^-$)
 [ionen] = $2 \times 6,84 \times 10^{-2} = 1,4 \times 10^{-1} \text{ mol per L}$

24 - [alle deeltjes] moet worden : $0,29 \text{ mol per L}$
 er moet bijkomen : $0,29 - 0,14 = 0,15 \text{ mol per L}$
 toe te voegen aan 1,0 L : $0,15 \text{ mol suiker}$
 dat is : $0,15 \times 342,3 = 51 \text{ g suiker}$