

1.

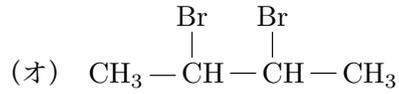
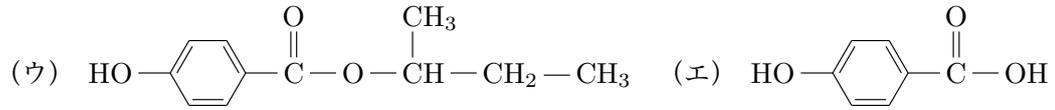
- (1) (i) (ア) +7 (イ) ClO^-
 (ii) (ウ) 1.00×10^{-8} (エ) 1.41×10^{-5} (オ) $4.00 \times 10^{-12} \text{ mol}^3/\text{L}^3$
 (カ) 5.00×10^{-2}
- (2) (i) (キ) Cu_2S
 (ii) (ク) 4.25×10^5 (ケ) 20.7 (2.07×10) (コ) Fe
 (サ) 5.6

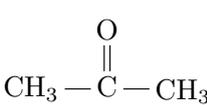
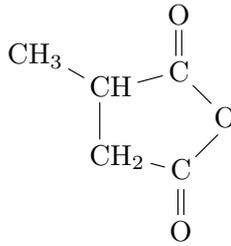
2.

- (1) (ア) $\frac{10a_s d_s V_s}{M_s(V_w + V_s)}$ (イ) $\frac{a_s d_s V_s}{d_w V_w + d_s V_s}$ (ウ) $\frac{(2C_A V_A - C_B V_B)RT}{P}$
- (2) (エ) $-208 (-2.08 \times 10^2)$ (オ) 3.00×10^5
 (カ) 33.6 (3.36×10) (キ) b (ク) c
- (3) (ケ) 5.00×10^3 (コ) 7.20 (サ) $0.828 (8.28 \times 10^{-1})$

3.

(1) (ア) $C_{11}H_{14}O_3$ (イ) アセチルサリチル酸



(2) (カ)  (キ)  (ク) 142 (1.42×10^2)

(3) (ケ) アミロース (コ) 包接 (サ) 7.68

