

Lampiran 2. Perhitungan

1. %Rendemen

$$\begin{aligned} \%Rendemen &= \frac{\text{Berat Ekstrak}}{\text{Berat Sampel}} \times 100\% \\ &= \frac{33,103 \text{ gram}}{200 \text{ gram}} \times 100\% \\ &= 16,55\% \end{aligned}$$

2. Pengenceran

- 0,05%

$$\begin{aligned} V_1 \times M_1 &= V_2 \times M_2 \\ V_1 \times 0,1\% &= 10 \text{ mL} \times 0,05\% \\ &= 5 \text{ mL} \end{aligned}$$

- 0,025%

$$\begin{aligned} V_1 \times M_1 &= V_2 \times M_2 \\ V_1 \times 0,1\% &= 10 \text{ mL} \times 0,025\% \\ &= 2,5 \text{ mL} \end{aligned}$$

- 0,0125%

$$\begin{aligned} V_1 \times M_1 &= V_2 \times M_2 \\ V_1 \times 0,1\% &= 10 \text{ mL} \times 0,0125\% \\ &= 1,25 \text{ mL} \end{aligned}$$