Lampiran 3. Perhitungan Preparasi Sediaan

1. Pembuatan Larutan Induk Sediaan

   500 ppm sediaan gel = Dilarutkan sediaan gel yang mengandung 500 mg ekstrak dalam 1000 mL etanol 70 %

2. Pembuatan Seri Kadar (50, 150, 250, 350 dan 450 ppm)
   - 50 ppm
     $M_1 \times V_1 = M_2 \times V_2$
     $500 \times V_1 = 50 \times 10$
     $V_1 = 1 \text{ mL}$
   - 150 ppm
     $M_1 \times V_1 = M_2 \times V_2$
     $500 \times V_1 = 150 \times 10$
     $V_1 = 3 \text{ mL}$
   - 250 ppm
     $M_1 \times V_1 = M_2 \times V_2$
     $500 \times V_1 = 250 \times 10$
     $V_1 = 5 \text{ mL}$
   - 350 ppm
     $M_1 \times V_1 = M_2 \times V_2$
     $500 \times V_1 = 350 \times 10$
     $V_1 = 7 \text{ mL}$
   - 450 ppm
     $M_1 \times V_1 = M_2 \times V_2$
     $500 \times V_1 = 450 \times 10$
     $V_1 = 9 \text{ mL}$