

LAMPIRAN PENELITIAN

Lampiran 1. Perhitungan bahan

a. F1 (Konsentrasi 5%)

$$\text{Cera flava} = \frac{30}{100} \times 15 = 4,5 \text{ gr}$$

$$\text{Adeps lanae} = \frac{10}{100} \times 15 = 1,5 \text{ gr}$$

$$\text{Kristal mentol} = \frac{0,5}{100} \times 15 = 0,075 \text{ gr}$$

$$\text{Setil alkohol} = \frac{10}{100} \times 15 = 1,5 \text{ gr}$$

$$\text{Butil Hidroksitoluen} = \frac{0,1}{100} \times 15 = 0,015 \text{ gr}$$

$$\text{Champora} = \frac{10}{100} \times 15 = 1,5 \text{ gr}$$

$$\begin{aligned} \text{Virgin coconut oil ad 10} &= 15 - (4,5 + 1,5 + 0,075 + 1,5 + 0,015 + 1,5 + 0,75) \\ &= 15 - 0,165 \\ &= 5,91 \text{ ml} \end{aligned}$$

b. F1 (Konsentrasi 7,5%)

$$\text{Cera flava} = \frac{30}{100} \times 15 = 4,5 \text{ gr}$$

$$\text{Adeps lanae} = \frac{10}{100} \times 15 = 1,5 \text{ gr}$$

$$\text{Kristal mentol} = \frac{0,5}{100} \times 15 = 0,075 \text{ gr}$$

$$\text{Setil alkohol} = \frac{10}{100} \times 15 = 1,5 \text{ gr}$$

$$\text{Butil Hidroksitoluen} = \frac{0,1}{100} \times 15 = 0,015 \text{ gr}$$

$$\text{Champora} = \frac{10}{100} \times 15 = 1,5 \text{ gr}$$

$$\begin{aligned} \text{Virgin coconut oil ad 10} &= 15 - (4,5 + 1,5 + 0,075 + 1,5 + 0,015 + 1,5 + 1,125) \\ &= 15 - 10,215 \\ &= 4,78 \text{ ml} \end{aligned}$$

c. F2 (Konsentrasi 10%)

$$\text{Cera flava} = \frac{30}{100} \times 15 = 4,5 \text{ gr}$$

$$\text{Adeps lanae} = \frac{10}{100} \times 15 = 1,5 \text{ gr}$$

$$\text{Kristal mentol} = \frac{0,5}{100} \times 15 = 0,075 \text{ gr}$$

$$\text{Setil alkohol} = \frac{10}{100} \times 15 = 1,5 \text{ gr}$$

$$\text{Butil Hidroksitoluen} = \frac{0,1}{100} \times 15 = 0,015 \text{ gr}$$

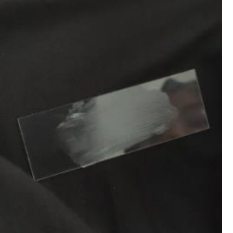
$$\text{Champora} = \frac{10}{100} \times 15 = 1,5 \text{ gr}$$

$$\text{Virgin coconut oil ad 10} = 15 - (4,5 + 1,5 + 0,075 + 1,5 + 0,015 + 1,5 + 1,5)$$

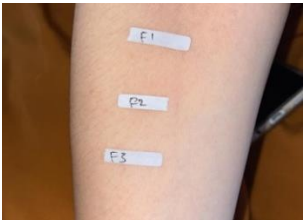
$$= 15 - 10,59$$

$$= 4,41 \text{ ml}$$

Lampiran2. Pengujian fisik

		Pengukuran pH
		Uji daya sebar
		Uji homogenitas

Lampiran3. Uji iritasi

Sebelum pengaplikasian sediaan balsem stick	
Pengaplikasian sediaan balsem stick	
Setelah pengaplikasian sediaan balsem stick setelah 40 menit	

Lampiran4. Uji analgesik

Responden 1	
Responden 2	
Responden 3	