

## LAMPIRAN

### Lampiran 1. Perhitungan *Human Equivalent Dose* (HED)

Rumus perhitungan *Human Equivalent Dose* (HED) dari dosis mencit:

$$\text{Human Equivalent Dose (HED)} \left( \frac{\text{mg}}{\text{kg}} \right) = \text{Dosis yang dikonversi} \times \frac{\text{Mouse } K_m}{\text{Human } K_m}$$

Keterangan:

$$\text{Mouse } K_m = 3.0$$

$$\text{Human } K_m = 37.0$$

#### a. Antosianin

$$\text{Dosis yang di konversi} = 25 \text{ mg/kg}$$

$$\text{HED} = 25 \text{ mg/kg} \times (3/37)$$

$$= 2.03 \text{ mg/kg}$$

$$\text{HED 70kgBB} = 2.03 \text{ mg/kg} \times 70 \text{ kg}$$

$$= 141.89 \text{ mg}$$

#### b. Curcumin

$$\text{Dosis yang di konversi} = 50 \text{ mg/kg}$$

$$\text{HED} = 50 \text{ mg/kg} \times (3/37)$$

$$= 4.05 \text{ mg/kg}$$

$$\text{HED 70kgBB} = 4.05 \text{ mg/kg} \times 70 \text{ kg}$$

$$= 283.78 \text{ mg}$$

#### d. Andrographolide

$$\text{Dosis yang di konversi} = 2.5 \text{ mg/kg}$$

$$\text{HED} = 2.5 \text{ mg/kg} \times (3/37)$$

$$= 0.2 \text{ mg/kg}$$

$$\text{HED 70kgBB} = 0.2 \text{ mg/kg} \times 70 \text{ kg}$$

$$= 14.19 \text{ mg}$$

#### c. Luteolin

$$\text{Dosis yang di konversi} = 30 \text{ mg/kg}$$

$$\text{HED} = 30 \text{ mg/kg} \times (3/37)$$

$$= 2.43 \text{ mg/kg}$$

$$\text{HED 70kgBB} = 2.43 \text{ mg/kg} \times 70 \text{ kg}$$

$$= 170.27 \text{ mg}$$

$$\text{Dosis yang di konversi} = 5 \text{ mg/kg}$$

$$\text{HED} = 5 \text{ mg/kg} \times (3/37)$$






$$= 0.41 \text{ mg/kg}$$

$$\text{HED 70kgBB} = 0.41 \text{ mg/kg} \times 70 \text{ kg}$$

$$= 28.38 \text{ mg}$$

**Lampiran 2.** Tanaman Herbal Lokal Indonesia Potensi ICI

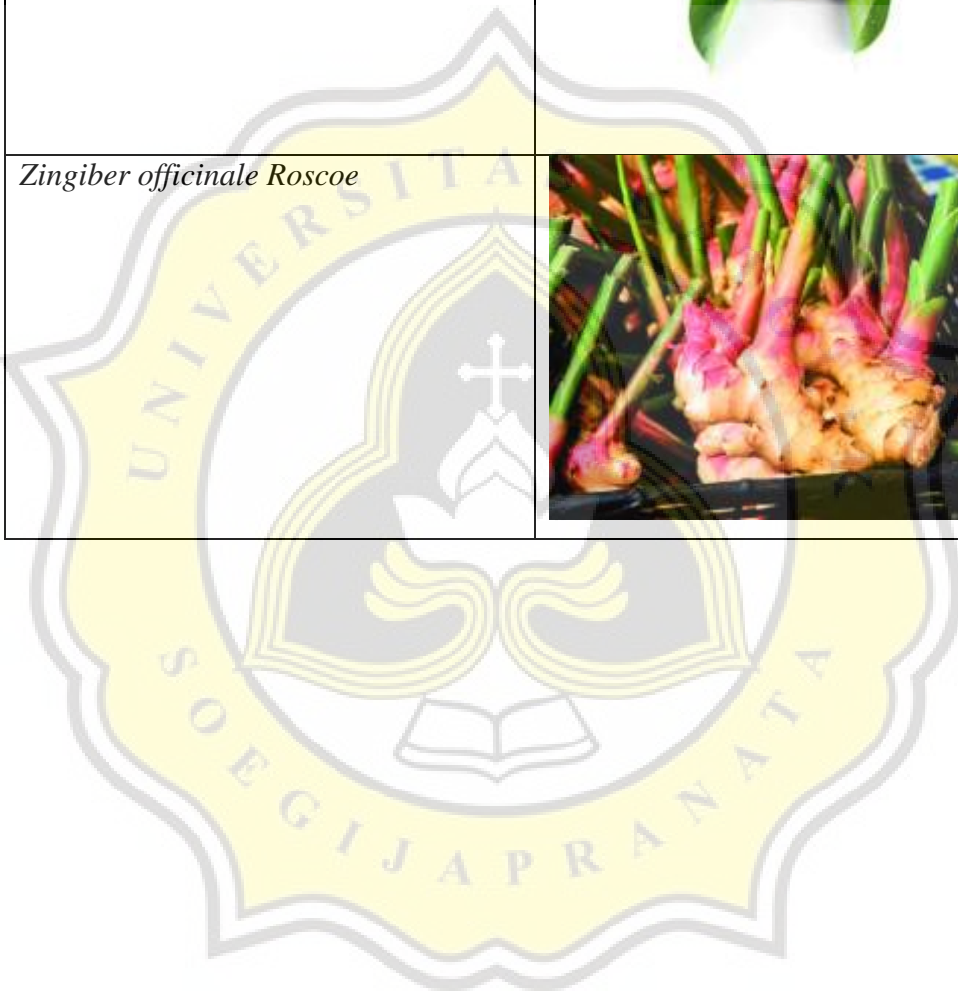
Nama Latin Tanaman	Gambar Tanaman
<i>Andrographis paniculata</i>	
<i>Camellia sinensis var. Assamica</i>	
<i>Centella asiatica</i>	
<i>Clitoria ternatea L.</i>	

<p><i>Curcuma domestica</i> Val.</p>	
<p><i>Curcuma longa</i> L.</p>	
<p><i>Curcuma xanthorrhiza</i></p>	
<p><i>Curcuma zedoaria</i></p>	
<p><i>Moringa oleifera</i></p>	

*Phaleria macrocarpa*



*Zingiber officinale* Roscoe



**Lampiran 3. Hasil *Plagiarism Scan***

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