

LAMPIRAN PERHITUNGAN

1. Angka Lempeng Total

- Jamu 1

$$10^{-1} = \frac{95 + 61}{2} = 78$$

$$10^{-2} = \frac{31 + 32}{2} = 31,5$$

$$10^{-3} = \frac{8 + 9}{2} = 8,5$$

$$10^{-4} = \frac{129 + 139}{2} = 134$$

$$10^{-5} = \frac{171 + 215}{2} = 193$$

$$\text{Nilai X} = \frac{1930}{134} = 14,4$$

$$\begin{aligned} \text{Nilai ALT} &= 134 \times 10^4 \\ &= 1,3 \times 10^6 \end{aligned}$$

- Jamu 2

$$10^{-1} = \frac{240 + 301}{2} = 270,5$$

$$10^{-2} = \frac{270 + 283}{2} = 276,5$$

$$10^{-3} = \frac{44 + 57}{2} = 50,5$$

$$10^{-4} = \frac{56 + 127}{2} = 91,5$$

$$10^{-5} = \frac{126 + 105}{2} = 115,5$$

$$\text{Nilai X} = \frac{1155}{91,5} = 12,6$$

$$\begin{aligned} \text{Nilai ALT} &= 91,5 \times 10^4 \\ &= 9,1 \times 10^5 \end{aligned}$$

- Jamu 3

$$10^{-1} = \frac{4 + 1}{2} = 2,5$$

$$10^{-2} = \frac{151 + 174}{2} = 162,5$$

$$10^{-3} = \frac{2 + 6}{2} = 4$$

$$10^{-4} = \frac{14 + 6}{2} = 10$$

$$10^{-5} = \frac{127 + 84}{2} = 105,5$$

$$\text{Nilai X} = \frac{1055}{10} = 105,5$$

$$\begin{aligned}\text{Nilai ALT} &= 10 \times 10^4 \\ &= 1 \times 10^5\end{aligned}$$

2. Angka Kapang Khamir

- Jamu 1

$$10^{-1} = \frac{52+52}{2} = 52$$

$$10^{-2} = \frac{11 + 11}{2} = 11$$

$$10^{-3} = \frac{1+1}{2} = 1$$

$$\begin{aligned}\text{Nilai ALT} &= 52 \times 10^1 \\ &= 5,2 \times 10^2\end{aligned}$$

- Jamu 2

$$10^{-1} = \frac{11 + 11}{2} = 11$$

$$10^{-2} = \frac{4 + 4}{2} = 4$$

$$10^{-3} = \frac{2+2}{2} = 2$$

$$\begin{aligned}\text{Nilai ALT} &= 11 \times 10^1 \\ &= 1,1 \times 10^2\end{aligned}$$

- Jamu 3







$$10^{-1} = \frac{8 + 4}{2} = 6$$







$$10^{-2} = \frac{0 + 1}{2} = 1$$



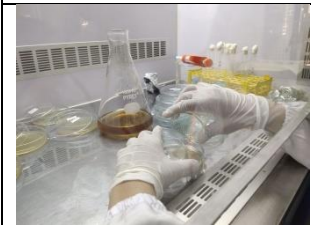



$$10^{-3} = \frac{2+0}{2} = 1$$

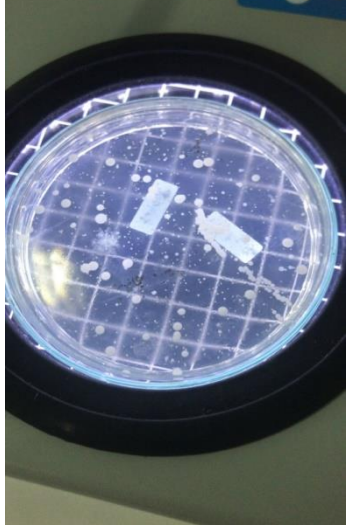
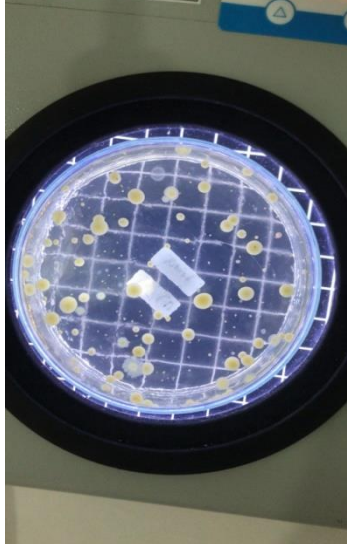
$$\text{Nilai ALT} = 6 \times 10^1$$

LAMPIRAN GAMBAR

Gambar	Keterangan
	Media yang digunakan untuk inokulasi Alt dan Akk
	Pembuatan media PCA
	Pembuatan media PDA
	Sterilisasi alat
	Sterilisasi media
	Penimbangan media

		Pengenceran 10^2 pada jamu
		Pengenceran 10^3 pada jamu
		Pengenceran 10^4 pada jamu
		Pengenceran 10^5 pada jamu
		Pengenceran 10^1 pada jamu 2
		Pengenceran 10^1 pada jamu 1

		<p>pipetasi blanko</p>
		<p>Inokulasi blanko</p>
		<p>Penuangan media PDA</p>
		<p>Penuangan media PCA</p>
		<p>Sampel jamu 1 dan 2</p>
		<p>Sampel Jamu 3</p>

	<p>Hasil Angka Lempeng Total</p>
	<p>Hasil Angka Kapang Khamir</p>