LAMPIRAN PERHITUNGAN

1. Angka Lempeng Total
   - 10^{-1} = Tidak masuk dalam rentang
   - 10^{-2} = $\frac{200+200}{2} = \mathbf{200}$
   - 10^{-3} = $\frac{167+32}{2} = \mathbf{99,5}$
   - 10^{-4} = $\frac{11+9}{2} = 10$
   - 10^{-5} = $\frac{9+12}{2} = 10{,}5$
   - 10^{-6} = $\frac{10+8}{2} = 9$
   - $Nilai\ X = \frac{99{,}5\ x\ 10^3}{200\ x\ 10^2}$

     = 99,5 x 10^3 x 200 x 10^2

     = 99,5 x 10^3 + 20 x 10^6

     = (99,5 + 20) x 10^3 = 1,195 x 10^3

     = 1,195 x 10^5 cfu/mL

2. Angka Kapang Khamir
   - 10^{-1} = $\frac{175+168}{2} = \mathbf{171,5}$
   - 10^{-2} = $\frac{50+47}{2} = \mathbf{48,5}$
   - 10^{-3} = $\frac{7+9}{2} = 8$
   - 10^{-4} = $\frac{4+17}{2} = 10{,}5$
   - $Nilai\ X = \frac{171{,}5\ x\ 10^1}{48{,}5\ x\ 10^2}$

     = 171,5 x 10^1 x 48,5 x 10^2

     = 17,15 x 10^4 + 48,5 x 10^2

     = (17,15 + 48,5) x 10^2 = 6,565 x 10^2

$= 6{,}565 \times 10^3$ cfu/mL

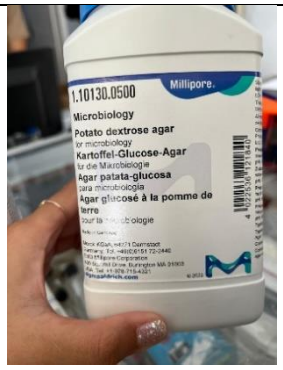
3. Kadar Air

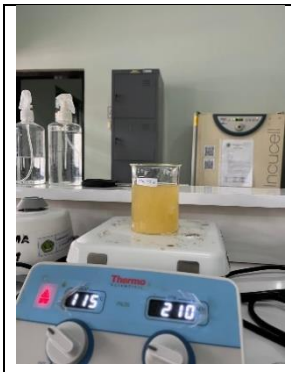
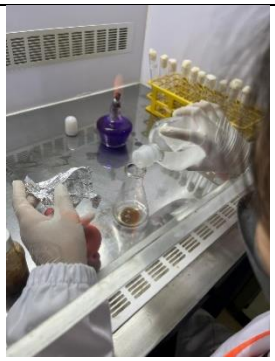
$$\frac{Berat\ awal - Berat\ akhir}{Berat\ konstan}\ x\ 100\%$$

$$\frac{52,3542 - 51,5763}{52,3542}\ x\ 100\%$$

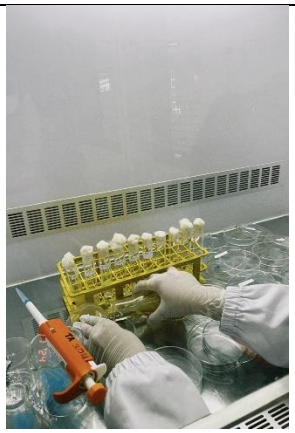
$$= 51{,}36\%$$

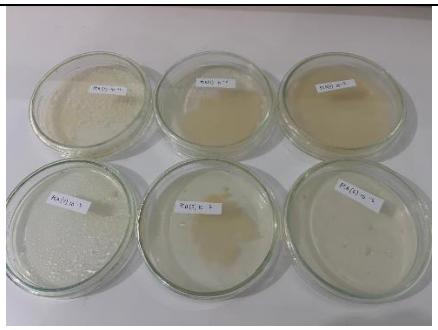
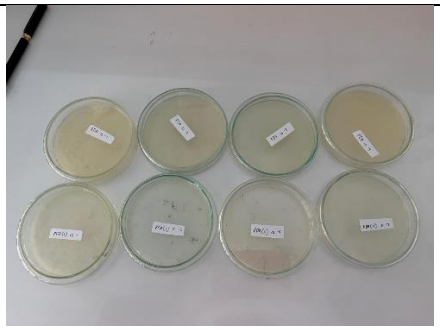
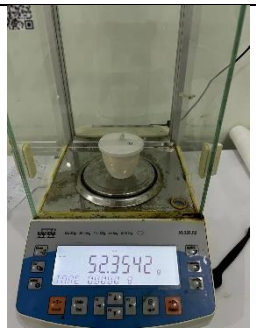
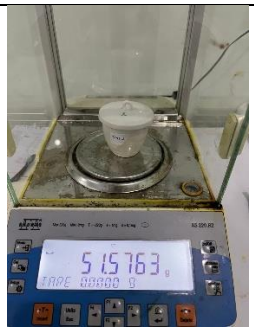
LAMPIRAN GAMBAR

Gambar	Keterangan
 	Media yang digunakan untuk inokulasi Angka Lempeng Total (ALT) dan Angka Kapang Khamir (AKK).
 	Sterilisasi alat.
 	Penimbangan media.

 	Pembuatan media.
	Sterilisasi media dan bahan lainnya.
 	Preparasi sampel dan menghomogenkan.
	Pengenceran ALT 10^1

	Pengenceran ALT 10^2
	Pengenceran ALT 10^3
	Pengenceran ALT 10^4
	Pengenceran ALT 10^5

	Pengenceran ALT 10^6
	Pemipetan sampel pengenceran kedalam cawan.
	Penuangan media.
	Inkubasi cawan kedalam inkubator.

	Media PCA.
	Media PDA.
 	Penimbangan sampel uji kadar air.
 	Penimbangan setelah dioven.

	Dioven pada suhu 105°C selama 4 jam.
 	Penimbangan sampel uji skrining flavonoid.
 	Pemipetan HCl pekat.
	Pemanasan sampel kedalam aquades.

	Hasil perubahan warna menjadi hijau kehitaman.
	Madu murni yang digunakan.