LAMPIRAN

Lampiran 1 Perhitungan volume pembuatan fase gerak

Diketahui:

Fase gerak = diklorometan: metanol: asam asetat glasial (90: 10: 1)

Jumlah perbandingan= 90 + 10 + 1 = 101

Volume total = 50 ml

Dicari:

Volume diklorometan = $\frac{90}{101}$ x 50 ml = 45 ml

Volume metanol =$\frac{10}{101}$ x 50 ml = 5 ml

Volume asam asetat glasial = $\frac{1}{101}$ x 50 ml = 0,5 ml

Lampiran 2 Perhitungan nilai Rf

$$\text{Nilai Rf} = \frac{Jarak\ yang\ ditempuh\ analit\ (cm)}{Jarak\ yang\ ditempuh\ eluen\ (cm)}$$

- Sampel A

  Baku Metampiron = $\frac{1}{7,3}$ = 0,14

  Kontrol Positif = Noda 1 = $\frac{0,9}{7,3}$ = 0,12

  Noda 2 = $\frac{4,4}{7,3}$ = 0,6

  Noda 3 = $\frac{4,8}{7,3}$ = 0,66

  Noda 4 = $\frac{5,2}{7,3}$ = 0,71

  Sampel = Noda 1 = $\frac{0,5}{7,3}$ = 0,07

  Noda 2 = $\frac{4,5}{7,3}$ = 0,61

  Noda 3 = $\frac{5}{7,3}$ = 0,69

  Noda 4 = $\frac{5,8}{7,3}$ = 0,8

- Sampel B

  Baku Metampiron = $\frac{0,8}{7,2}$ = 0,11

Kontrol Positif = Noda 1 = $\frac{0,8}{7,2} = 0,11$

Noda 2 = $\frac{3,8}{7,2} = 0,52$

Noda 3 = $\frac{4,3}{7,2} = 0,6$

Noda 4 = $\frac{5,5}{7,2} = 0,77$

Sampel = Noda 1 = $\frac{0}{7,2} = 0$

Noda 2 = $\frac{3,8}{7,2} = 0,52$

Noda 3 = $\frac{0}{7,2} = 0$

Noda 4 = $\frac{5,5}{7,2} = 0,77$

- Sampel C

  Baku Metampiron = $\frac{1}{7,3} = 0,14$

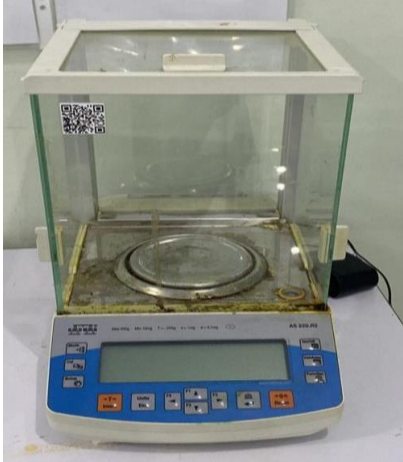 Kontrol Positif = $\frac{0,9}{7,3} = 0,12$
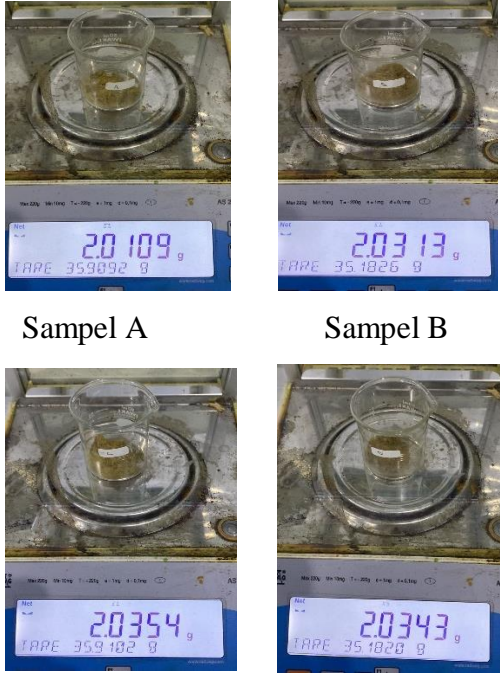
  Sampel = $\frac{6,2}{7,3} = 0,84$

- Sampel D

  Baku Metampiron = $\frac{1}{7,3} = 0,14$

  Kontrol Positif = $\frac{0,9}{7,3} = 0,12$
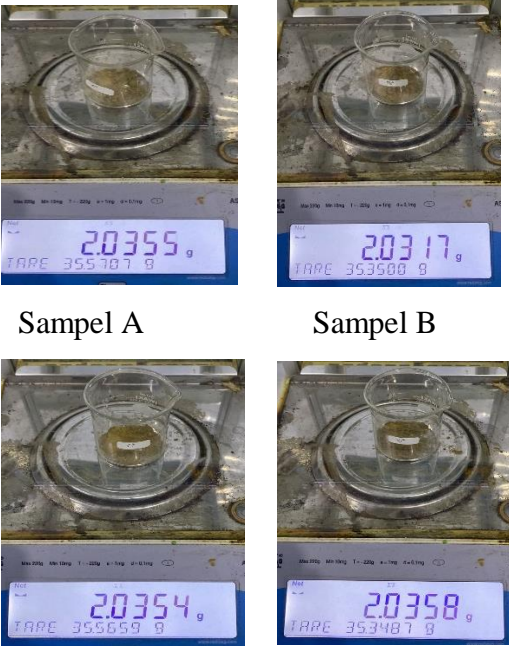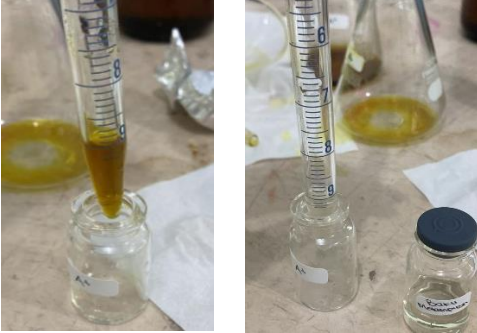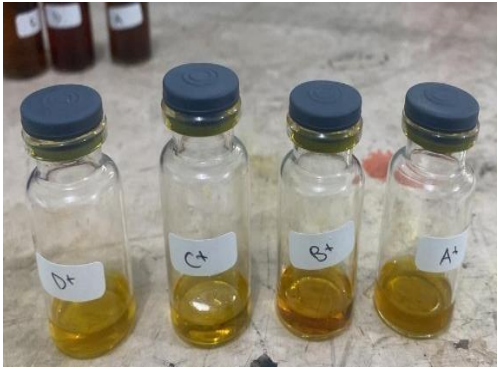
  Sampel = $\frac{0}{7,3} = 0$
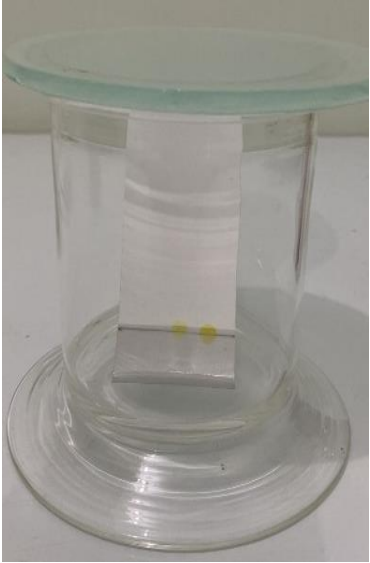
Lampiran 3 Dokumentasi

NO	GAMBAR	KETERANGAN
1		Masing-masing sampel yang digunakan
2		Timbangan Analitik
3		Oven

| 4		Lampu UV
5	Sampel A Sampel B Sampel C Sampel D	Penimbangan Sampel
6		Setelah ditambahkan metanol sebanyak 20 ml, dan di diamkan selama 30 menit

7		Proses penyaringan
8		Larutan sampel A, B, C dan D
9		Penimbangan baku standar
10		Larutan standar

11	Sampel A Sampel B Sampel C Sampel D	Penimbangan kontrol positif
12		Setelah ditambahkan metanol, di diamkan 30 menit dan di saring, sampel di pipet sebanyak 1 ml + 1ml baku
13		Kontrol Positif Sampel A, B, C, dan D

14		Proses penjenuhan
15		Setelah Penotolan
16		Proses elusi
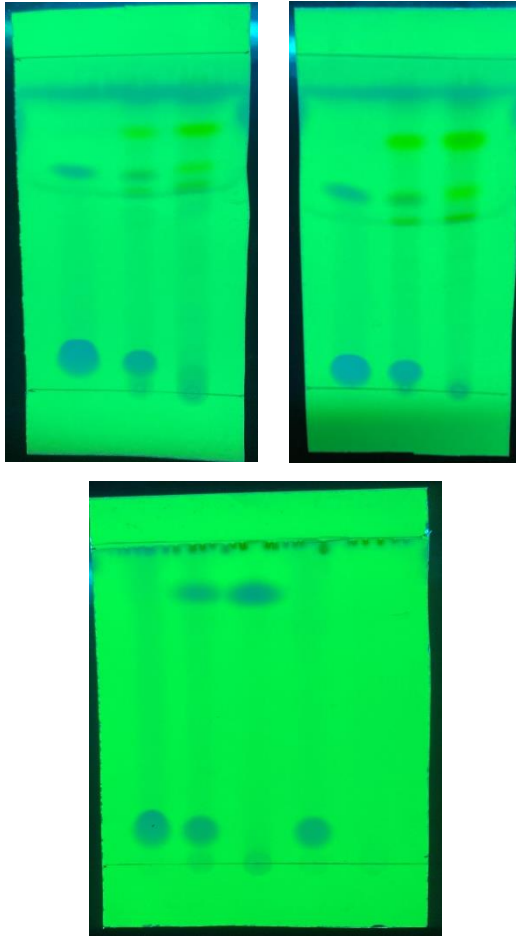
| 17 | | Proses deteksi bercak pada sinar UV 254 nm |