LAMPIRAN

1. **Perhitungan Pembuatan Larutan**

a) Pengenceran etanol 96% menjadi 70% sebanyak 250 ml

- Volume Etanol 96% = $\frac{250\ ml\ x\ 70\%}{96\%}$

= 182,2 ml

- Volume aquadest = 250ml -182,2 ml

= 67,8 ml

b) Pengenceran Amonia 25% menjadi 2% dalam etanol 70% sebanyak 250 ml

- Volume Amonia = $\frac{250\ ml\ x\ 2\%}{25\%}$

= 20 ml

- Volume Etanol 70% = 250 ml – 20 ml

= 230 ml

c) Pengenceran Amonia 25% menjadi 10% dalam etanol 70% sebanyak 100 ml

- Volume Amonia = $\frac{100\ ml\ x\ 10\%}{25\%}$

= 40 ml

- Volume Etanol 70% = 100 ml – 40 ml

= 60 ml

d) Pengenceran Asam Asetat 99,6% menjadi 10% sebanyak 100 ml

- Volume Asam asetat = $\frac{100\ ml\ x\ 10\%}{99{,}6\%}$

= 10,04 ml

- Volume Aquadest = 100 ml – 10,04 ml

= 89,96 ml

2. **Perhitungan larutan baku Rhodamin B 1000 ppm**

M= $\frac{Massa\ (Mg)}{volume(\ L)}$

1000 mg/L = $\frac{Massa\ (Mg)}{0{,}1(\ L)}$

Massa = 100 mg

3. **Perhitungan Eluen (N- Butanol : Etil Asetat : Amonia (10 : 4 : 5))**

a) N-butanol = $\frac{10}{19}$ x 100 ml = 52,63 ml

b) Etil Asetat = $\frac{4}{19}$ x 100 ml = 21,05 ml

c) Amonia = = $\frac{5}{19}$ x 100 ml = 26,31 ml

4. Perhitungan Nilai Rf

Nilai *Rf* = $\frac{jarak\ yang\ ditempuh\ senyawa\ terlarut\ (cm)}{jarak\ yang\ ditempuh\ pelarut(cm)}$

a. Sampel A

Kontrol Positif (+) : $\frac{5,8}{8}$ = 0,72

Standar : $\frac{5,8}{8}$ = 0,72

S1 : -

S2 : -

S3 : -

Rata-rata nilai *Rf* sampel : -

b. Sampel B

Kontrol Positif (+) : $\frac{6,5}{8}$ = 0,81

Standar : $\frac{6,5}{8}$ = 0,81

S1 : $\frac{0,5}{8}$ = 0,06

S2 : $\frac{0,5}{8}$ = 0,06

S3 : $\frac{0,5}{8}$ = 0,06

Rata-rata nilai *Rf* sampel : $\frac{0,06 + 0,06 + 0,06}{3}$ = 0,06

c. Sampel C

Kontrol Positif (+) : $\frac{6,5}{8}$ = 0,81

Standar : $\frac{6,5}{8}$ = 0,81

S1 : -

S2 : -

S3 : -

Rata-rata nilai *Rf* sampel : -

d. Sampel D

Kontrol Positif (+) : $\frac{6}{8}$ = 0,75

Standar : $\frac{6}{8}$ = 0,75

S1 : -

S2 : -

S3 : -

Rata-rata nilai *Rf* sampel : -

e. Sampel E

Kontrol Positif (+) : $\frac{5,2}{8}$ = 0,65

Standar : $\frac{5,2}{8}$ = 0,65

S1 : -

S2 : -

S3 : -

Rata-rata nilai *Rf* sampel : -

f. Sampel F

Kontrol Positif (+) : $\frac{5,5}{8}$ = 0,68

Standar : $\frac{5,5}{8}$ = 0,68

S1 : -

S2 : -

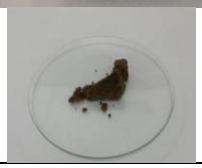
S3 : -

Rata-rata nilai *Rf* sampel : -

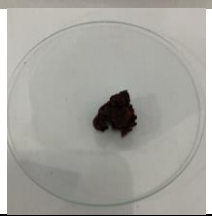
LAMPIRAN

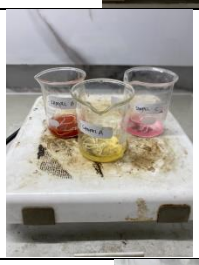
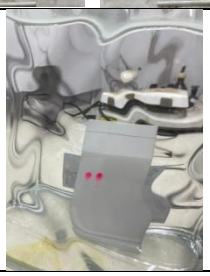
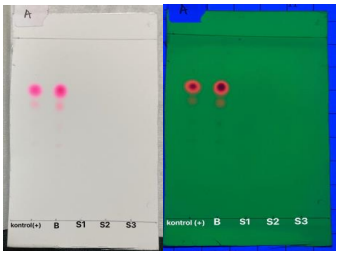
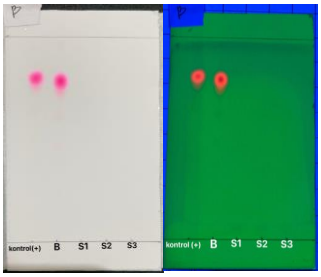
DOKUMENTASI

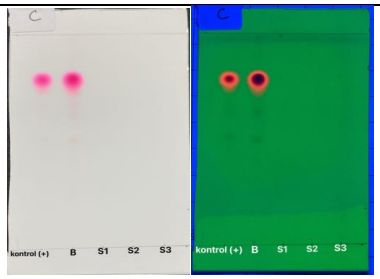
<table>
<tr><th>NO.</th><th>FOTO</th><th>KETERANGAN</th></tr>
<tr><td>1.</td><td></td><td>Alat yang digunakan</td></tr>
<tr><td>2.</td><td></td><td>Bahan yang digunakan</td></tr>
<tr><td rowspan="3">3.</td><td>Sampel A


</td><td rowspan="3">Sampel yang digunakan</td></tr>
<tr><td>Sampel B

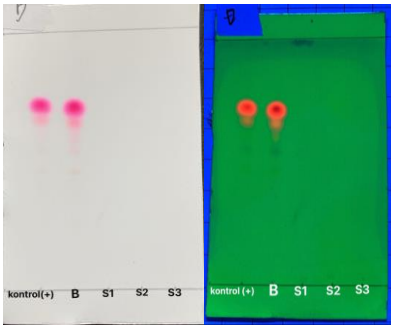

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<tr><td>Sampel C</td></tr>
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	Sampel D  	
	Sampel E  	
	Sampel F  	

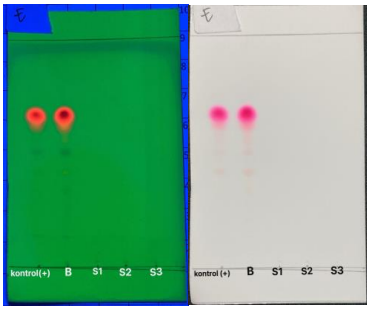
4.		Preparasi benang wol
5.	 	Preparasi sampel
6.		Proses elusi didalam chamber
7.	 SAMPEL A	Hasil identifikasi KLT secara visual dan sinar uv 254 nm
	 SAMPEL B	



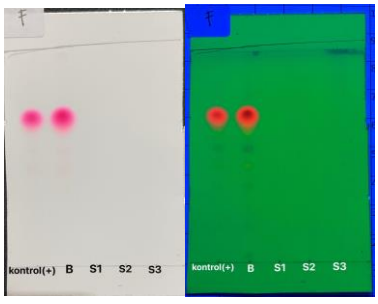
SAMPEL C



SAMPEL D



SAMPEL E



SAMPEL F