**Lampiran 1.**Perhitungan Nilai Rf

Nilai Rf pada kromatografi kertas dihitung sebagai berikut :

Rf= Jarak rambat yang ditempuh bercak noda

Jarak yang ditempuh eluen

Blanko :Rf = 9,4 cm

16 cm

= 0,59 cm

Sampel 1 :Rf = 9,2 cm

16 cm

**=** 0,58 cm

Sampel 2 :Rf = 9,1 cm

16 cm

**=** 0,57 cm

Sampel 3 :Rf = 8,9 cm

16 cm

= 0,56 cm

Sampel 4 :Rf = 8,8 cm

16 cm

= 0,55 cm

Sampel 5 :Rf = 8,6 cm

16 cm

= 0,54 cm

**Lampiran 2.** Pengenceran lemak babi standart

1. Larutan standart 10%

V1.N1 = V2.N2

V1.100% = 100 ml.10%

V1 = 1000%

100%

V1 = 10 ml

1. Larutan standard 15 %

V1.N1= V2.N2

V1.100% = 100 ml.15%

V1 = 1500%

100%

V1 = 15 ml

1. Larutan standard 20%

V1.N1= V2.N2

V1.100% = 100 ml.20%

V1 = 2000%

100%

V1 = 20 ml

**Lampiran 2. (Lanjutan)**

1. Larutan standard 25%

V1.N1= V2.N2

V1.100% = 100 ml.25%

V1 = 2500%

100%

V1 = 25 ml

1. Larutan standard 30%

V1.N1=V2.N2

V1.100%= 100 ml.30%

V1 = 3000%

100%

V1 = 30 ml

Keterangan :

V1 = volume sebelum pengenceran

V2 = volume setelah pengenceran

N1 = konsentrasi sebelum pengenceran

N2 = konsentrasi setelah pengenceran

**Lampiran 3.** Perhitungan Persamaan Regresi

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Konsentrasi (X) | Absorbansi (Y) | X2 | Y2 | XY |
| 1 | 0,0 | 0 | 0 | 0 | 0 |
| 2 | 5 | 0,022 | 25 | 0,000484 | 0,11 |
| 3 | 10 | 0,023 | 100 | 0,000529 | 0,23 |
| 4 | 15 | 0,027 | 225 | 0,000729 | 0,405 |
| 5 | 20 | 0,033 | 400 | 0,001089 | 0,66 |
| 6 | 25 | 0,037 | 625 | 0,001369 | 0,925 |
| ∑ | 75 | 0,142 | 1.375 | 0,0042 | 2.33 |
| Rata - rata | 12,5 | 0,0236 | 229,16 | 0.0007 | 0,3883 |

Perhitungan Intersep (a)

a. = Ʃxy – (Ʃx) / n

Ʃx2- (Ʃx)2/n

= 2,33 – (75) (0,142)2 / 6

1.375 – (75)2 / 6

= 2,33 – 10,65 / 6

1.375 – 5.625 / 6

= 2,33 – 1,775

1.375 – 937,5

= 0,555

437,5

= 0,0012

b. =ӯ – a x

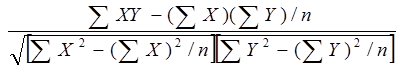
= 0,0236 – 0,0012 . 12,5

= 0,0236–0,015

= 0,0086

**Lampiran 3. (Lanjutan)**

Perhitungan korelasi :

r =

r =

r =

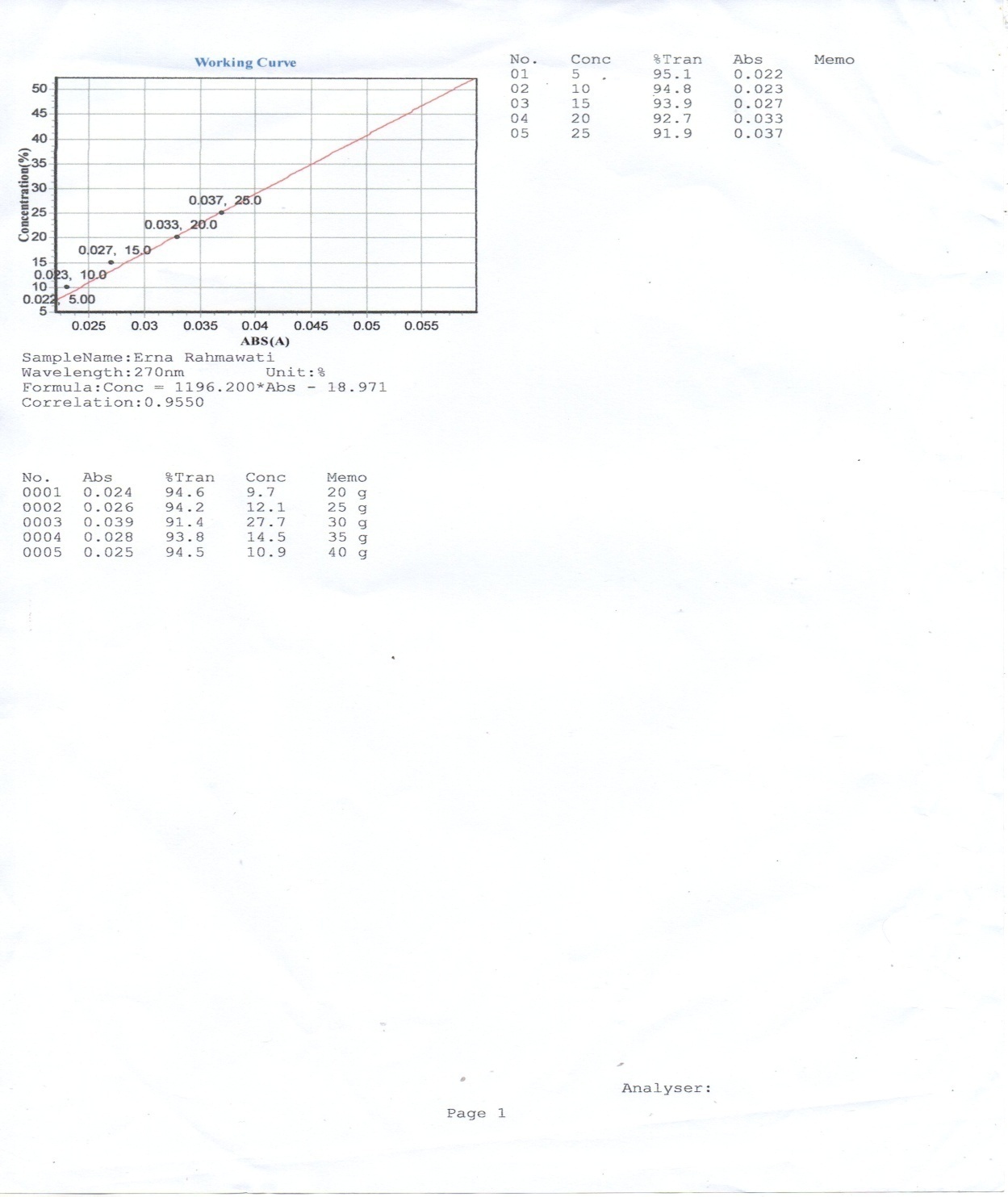
r =

r =0,555

0,6062

r = 0,915

**Lampiran 4.** Hasil uji spektrofotometri UV-Vis

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**Lampiran 5.** Sampel Lemak Babi Dan Cangkang Kerang



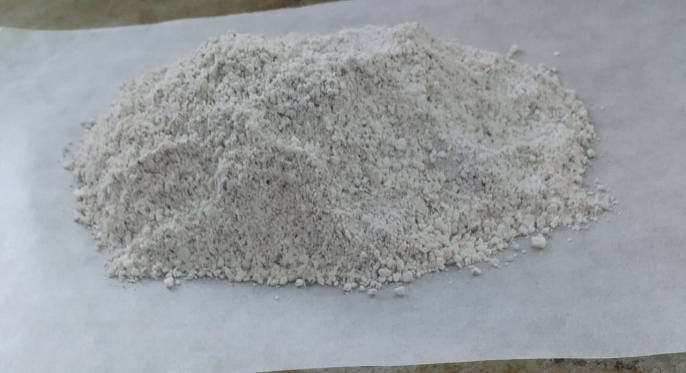
Aluminium Foil

Lemak Murni

Sampel Lemak Murni



Proses Pengeringan Cangkang Kerang

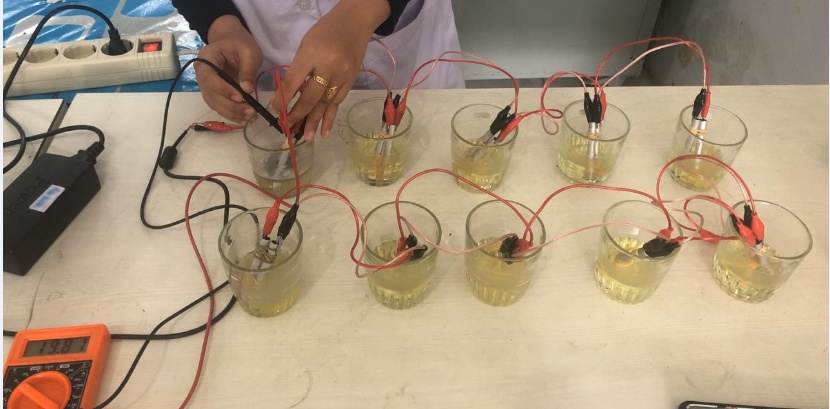


Serbuk Cangkang Kerang

**Lampiran 6.** *Solit Phase Ektraction*, Maserasi *Elektrosintesis Coupling* DanUji Kelarutan



Proses *Solit Phase Ektraction*



Proses Maserasi Elektrosintesis Coupling



Hasil uji kelarutan