LAMPIRAN

Lampiran 1. Perhitungan bahan

a. Pembuatan HCl 4N

HCl pekat dipasaran 37 % v/v

37 % v/v = 37 ml/100 ml = 0,037 L/ml

b. Perhitungan gram HCl

Bobot larutan HCl = 0,037 L/ml

Berat jenis HCl = 1,190 g/L

Bobot larutan HCl × berat jenis HCl = 0,037 L × 1,190 g/L

= 440,03 g

c. Perhitungan N HCl

N = g/BM × Volume Larutan

= 440, 03 g/36,5 × 0,1 L

= 12,06 N

d. Pengenceran HCl

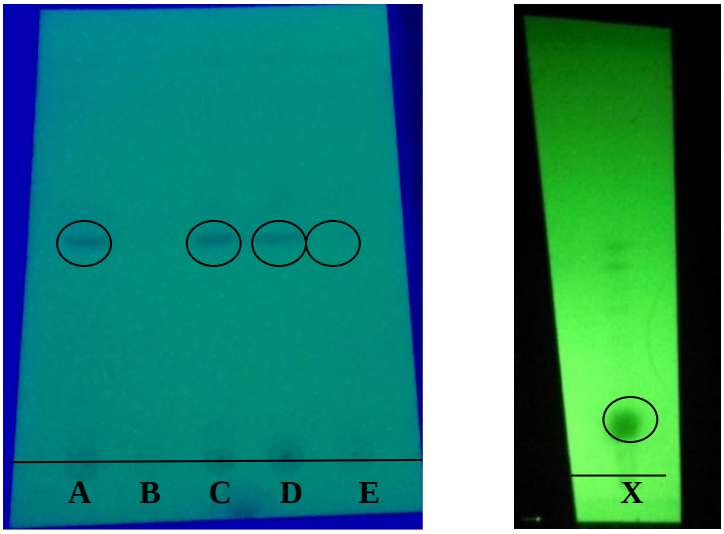
N1 × V1 = N2 × V2

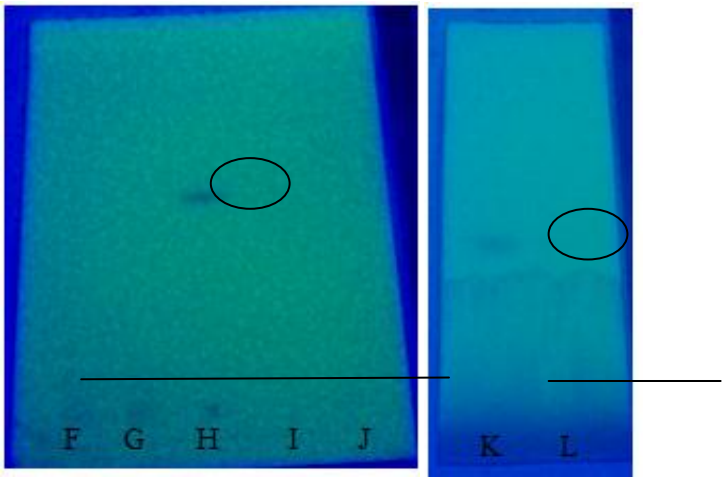
12,06 × V1 = 4 × 1000

V1 = 331,6/L = 16,5/50 mL

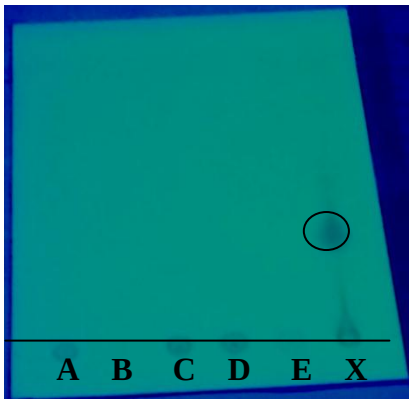
Lampiran 2. Uji kualitatif Hidrokinon menggunakan KLT

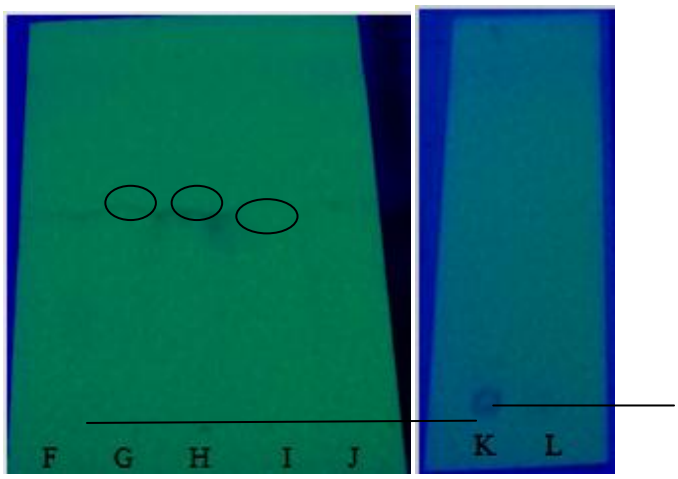
a. Fase gerak toluen : asam asetat glasial (8:2)



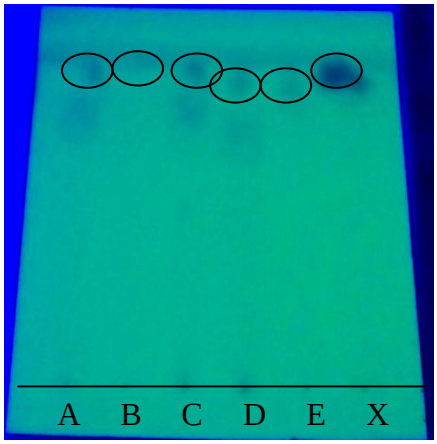


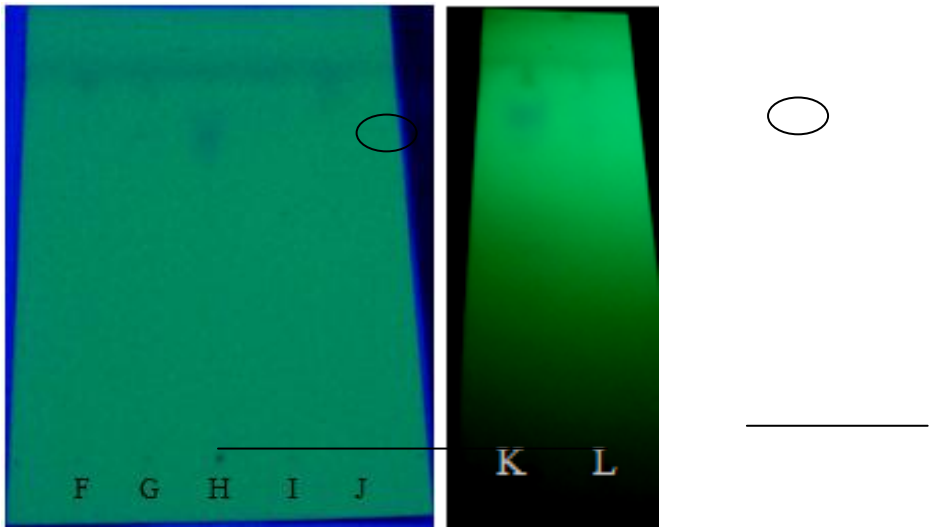
b. Fase gerak n-heksan : aseton (3:2)





c. Fase gerak kloroform : metanol (5:5)





Keterangan :

A : Sampel A

B : Sampel B

C : Sampel C

D : Sampel D

E : Sampel E

F : Sampel F

G : Sampel G

H : Sampel H

I : Sampel I

J : Sampel J

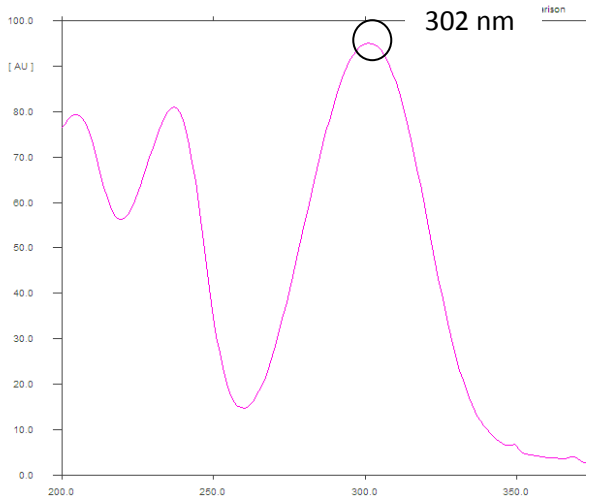
K : Sampel K

L : Sampel L

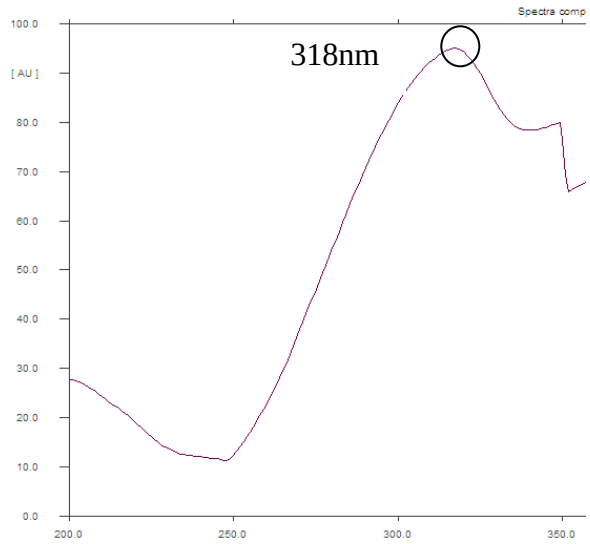
X : Baku Hidrokinon

Lampiran 3. Panjang Gelombang sampel menggunakan Densitometri

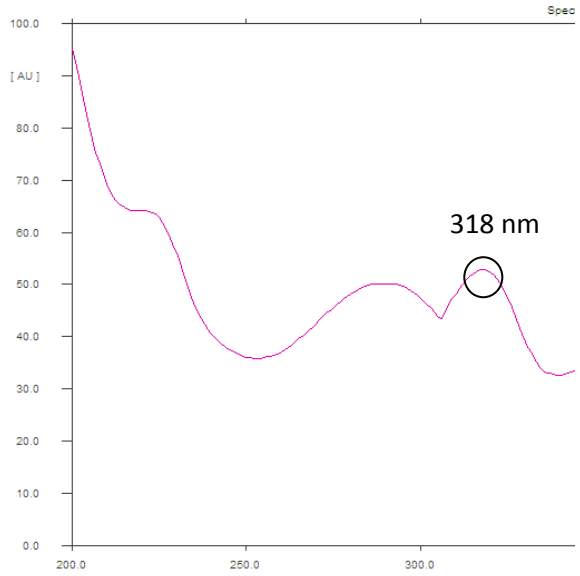
a. Sampel A



Sampel A pada fase gerak toluen:asam asetat glasial

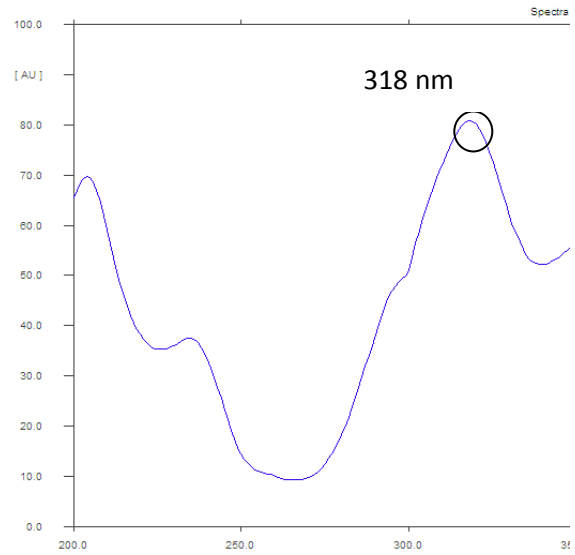


Sampel A pada fase gerak n-heksan:aseton

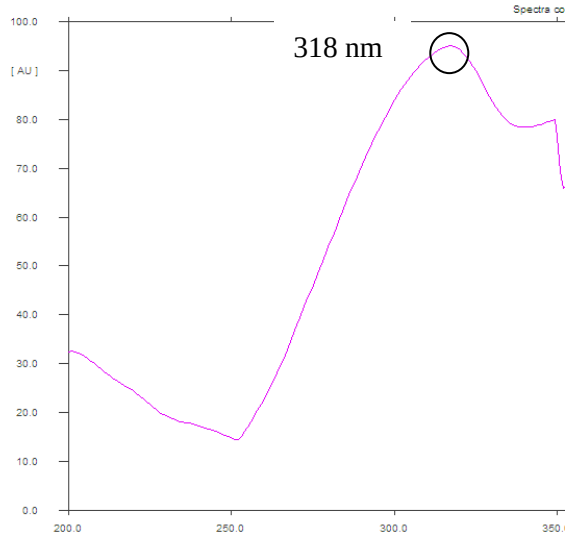


Sampel A pada fase gerak klorofom : metanol

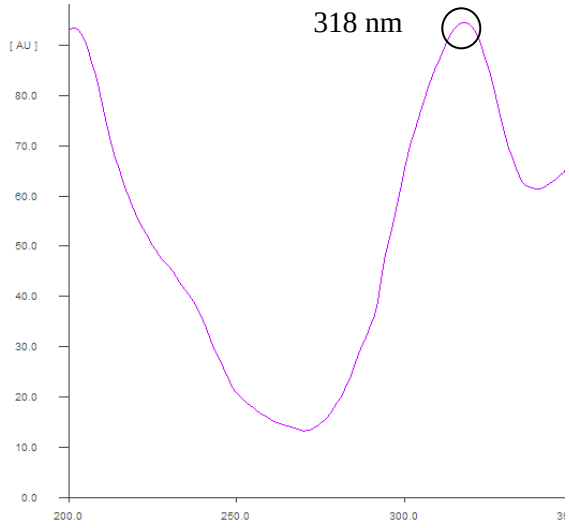
b. Sampel B



Sampel B pada fase gerak toluen:asam asetat glasial

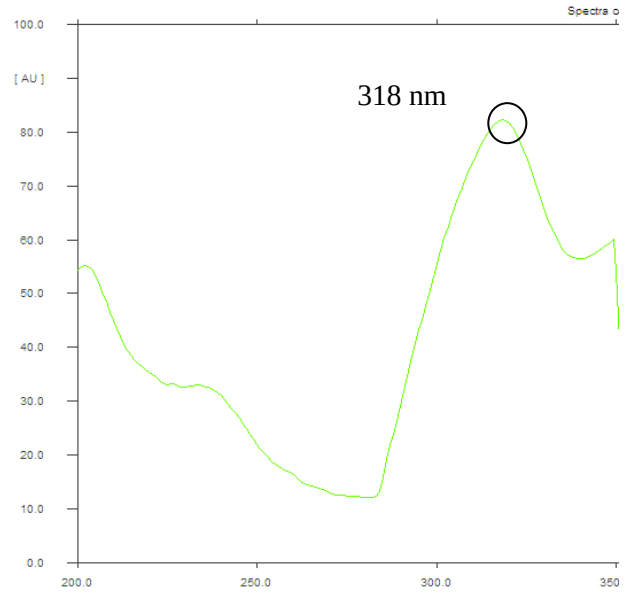


Sampel B pada fase gerak n-heksan:aseton

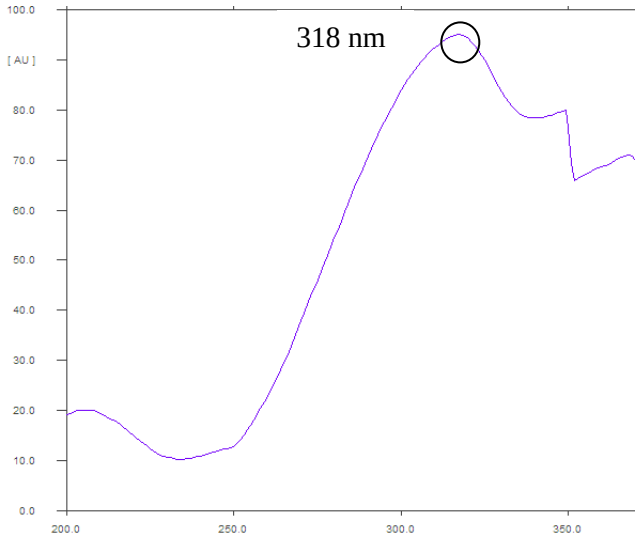


Sampel B pada fase gerak klorofom : metanol

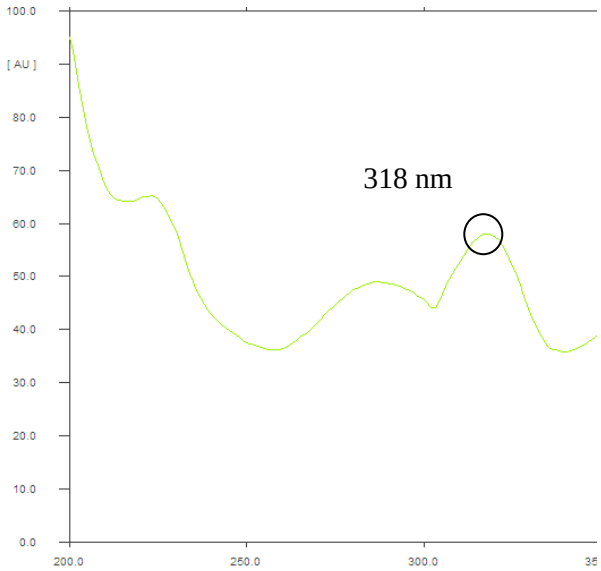
c. Sampel C



Sampel C pada fase gerak toluen:asam asetat glasial

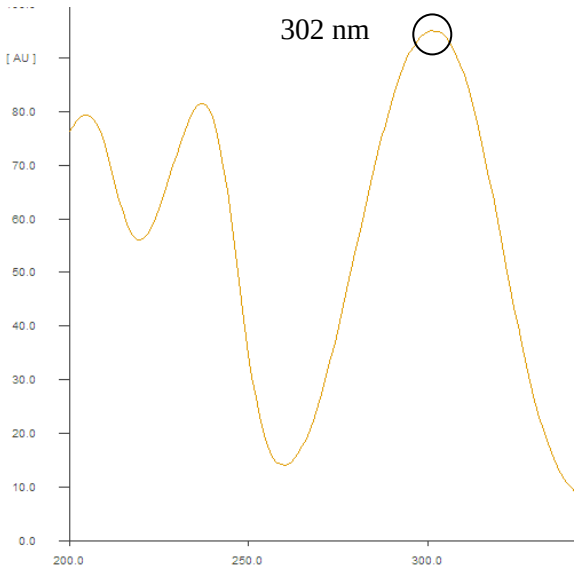


Sampel C pada fase gerak n-heksan:aseton

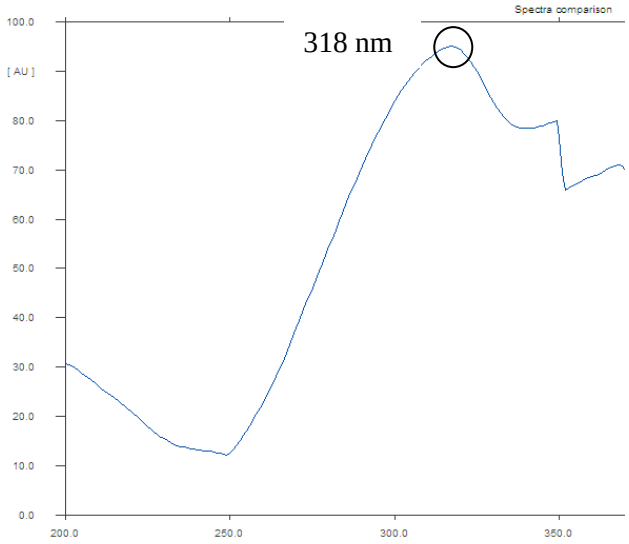


Sampel C pada fase gerak klorofom : metanol

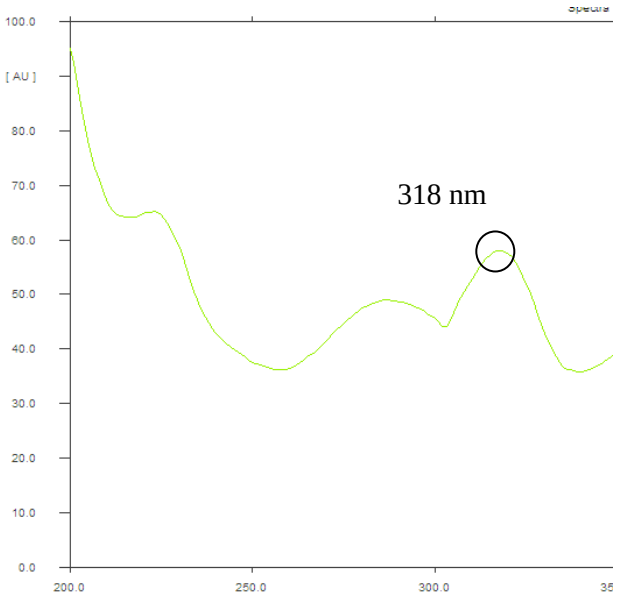
d. Sampel D



Sampel D pada fase gerak toluen:asam asetat glasial

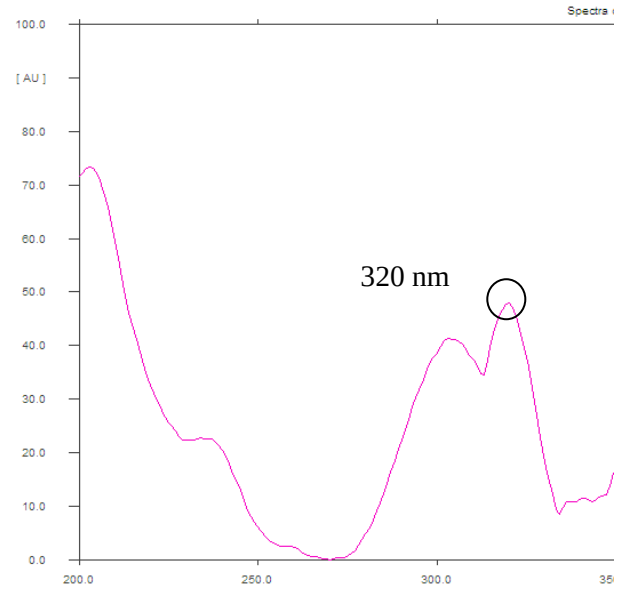


Sampel D pada fase gerak n-heksan:aseton

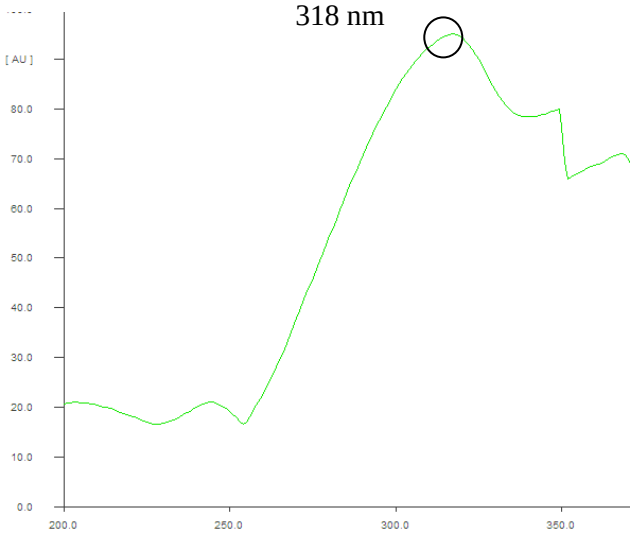


Sampel D pada fase gerak klorofom : metanol

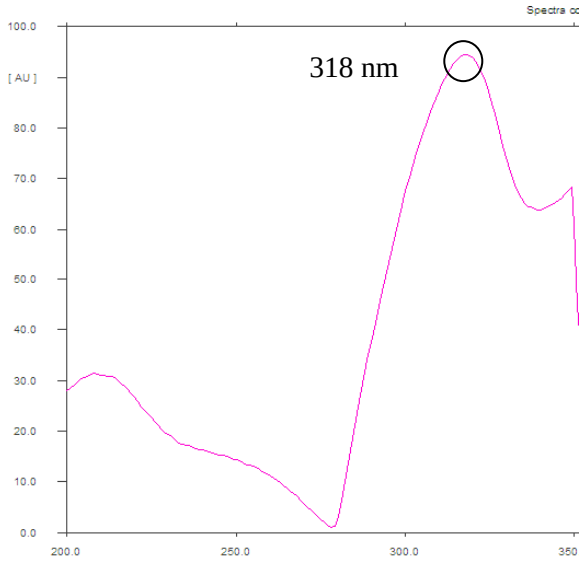
e. Sampel F



Sampel F pada fase gerak toluen:asam asetat glasial

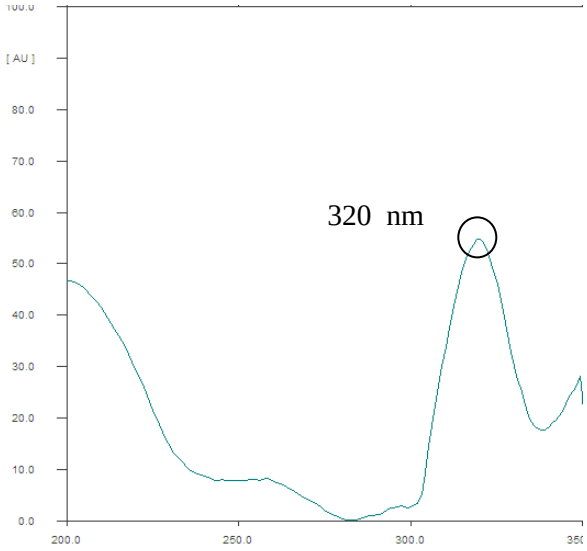


Sampel F pada fase gerak n-heksan:aseton

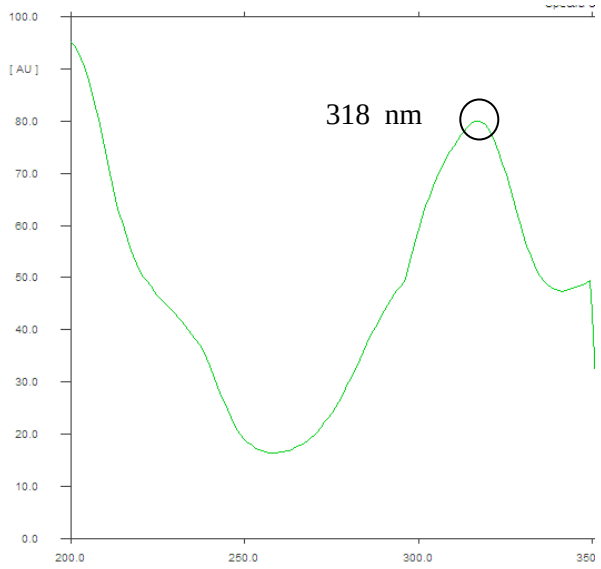


Sampel F pada fase gerak klorofom : metanol

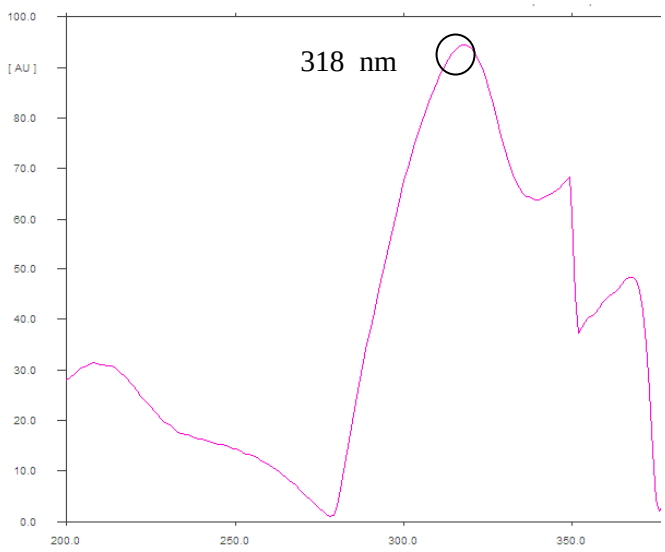
f. Sampel G



Sampel G pada fase gerak toluen:asam asetat glasial

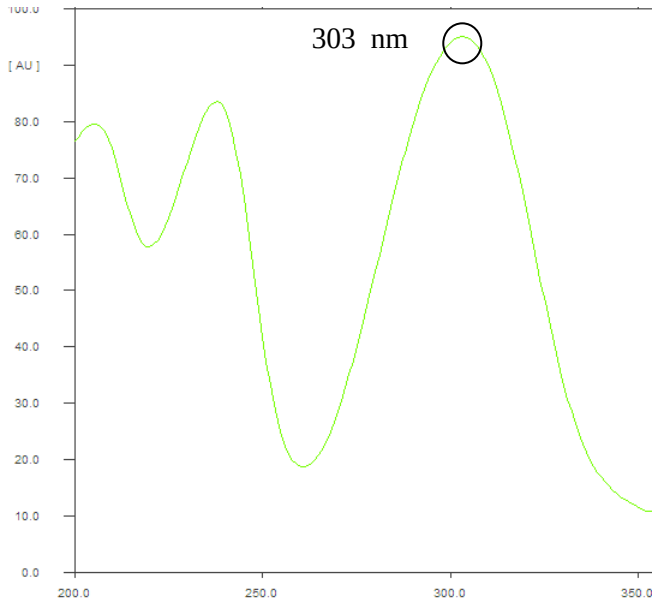


Sampel G pada fase gerak n-heksan:aseton

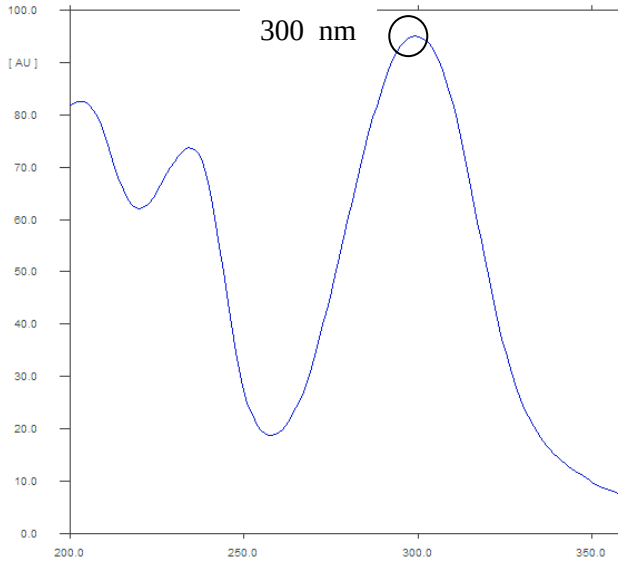


Sampel G pada fase gerak klorofom : metanol

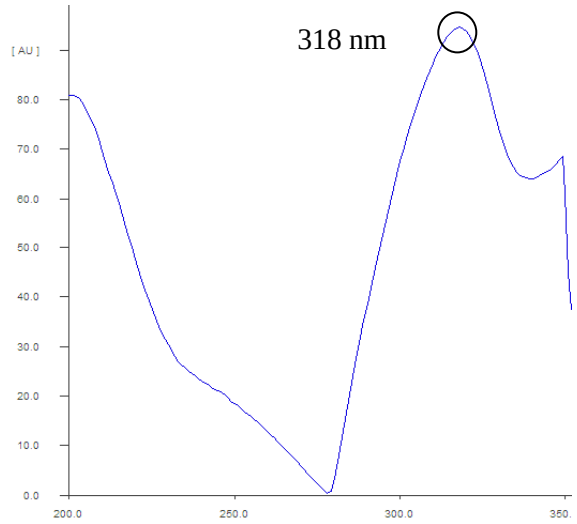
g. Sampel H



Sampel H pada fase gerak toluen:asam asetat glasial

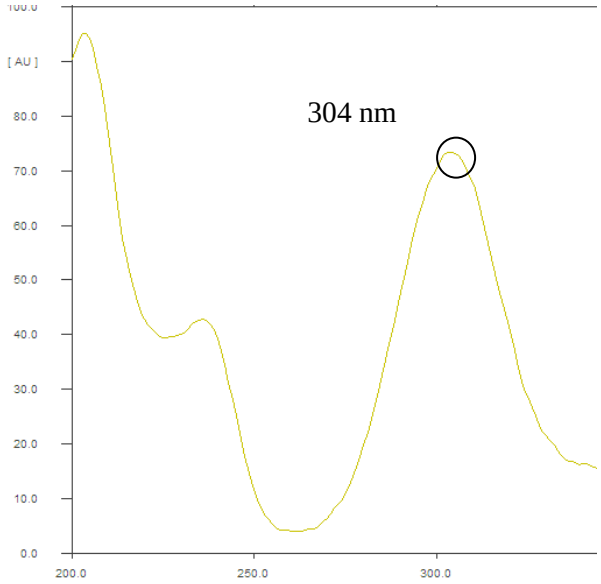


Sampel H pada fase gerak n-heksan:aseton

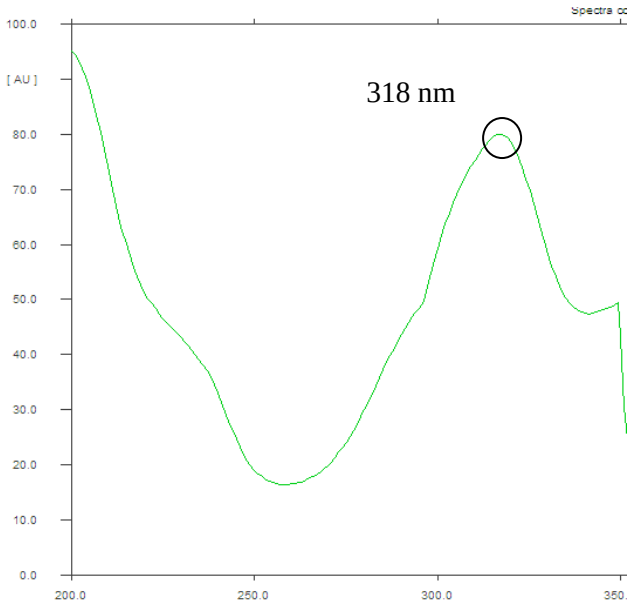


Sampel H pada fase gerak klorofom : metanol

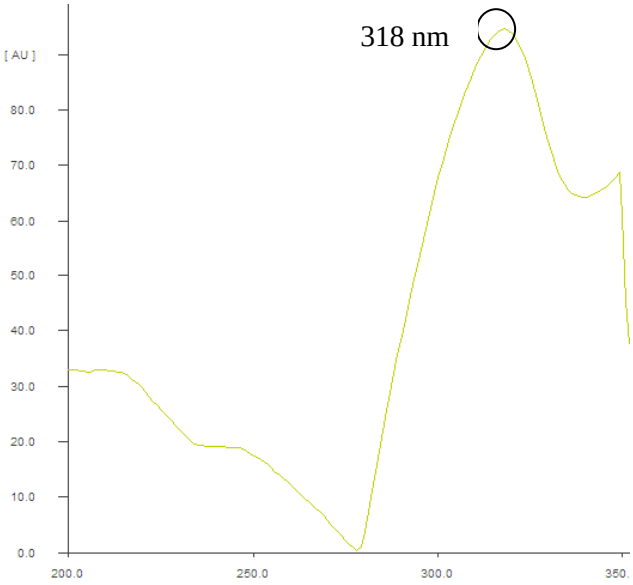
h. Sampel I



Sampel I pada fase gerak toluen:asam asetat glasial

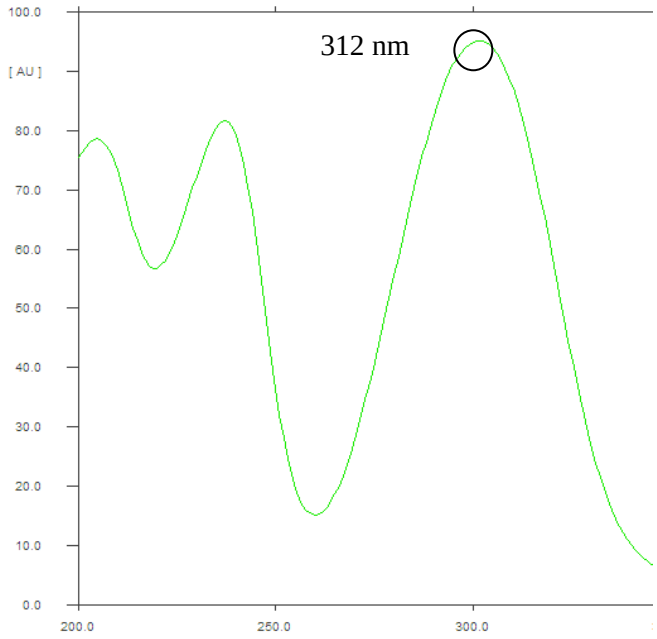


Sampel I pada fase gerak n-heksan:aseton

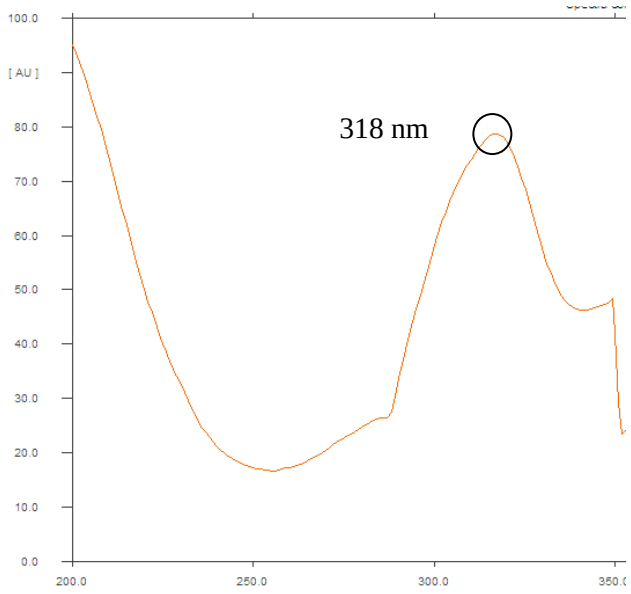


Sampel I pada fase gerak klorofom : metanol

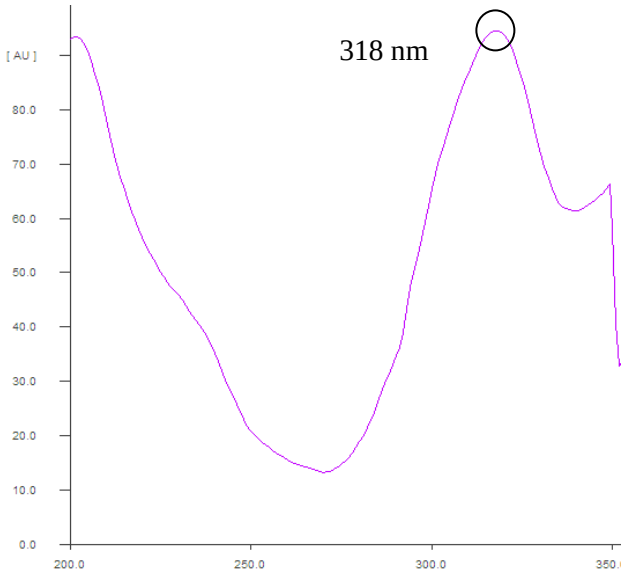
i. Sampel J



Sampel J pada fase gerak toluen:asam asetat glasial

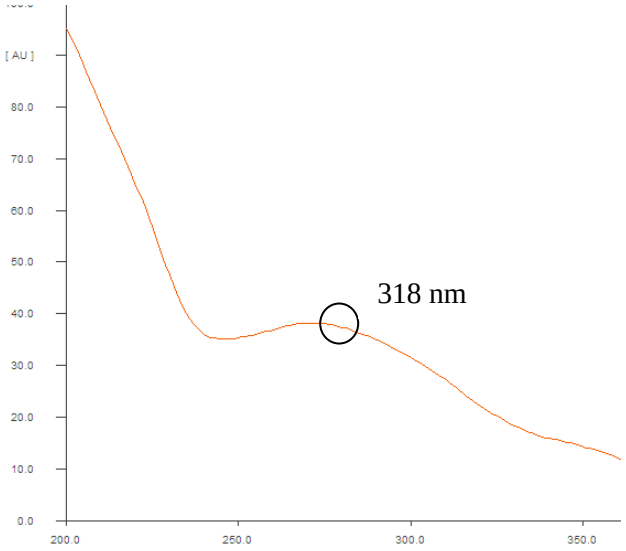


Sampel J pada fase gerak n-heksan:aseton

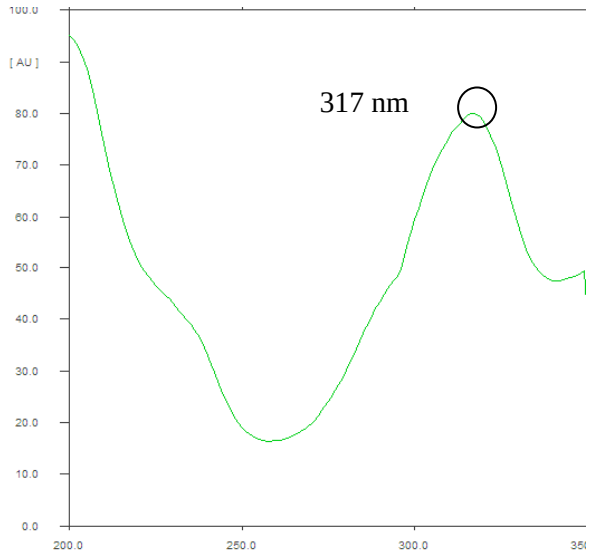


Sampel J pada fase gerak klorofom : metanol

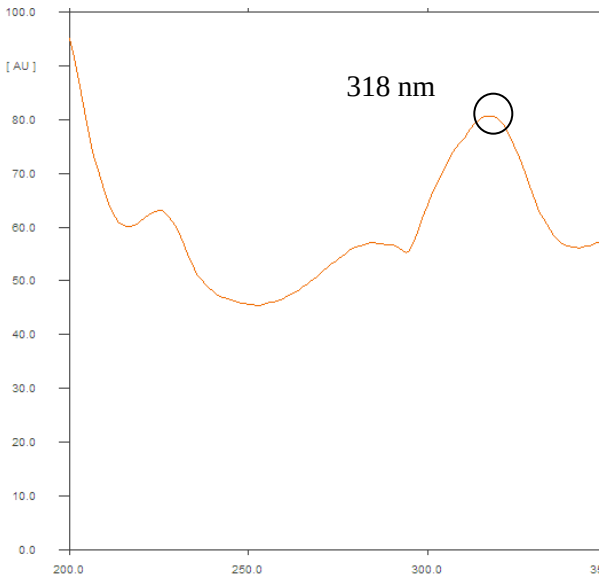
j. Sampel L



Sampel L pada fase gerak toluen:asam asetat glasial



Sampel L pada fase gerak n-heksan:aseton



Sampel L pada fase gerak klorofom : metanol

Lampiran 4. Dokumentasi

12 Krim yang Diuji

Pembuatan Larutan Uji

Densitometer yang Digunakan dalam Penelitian