LAMPIRAN

Lampiran 1. Tabel Hasil Pengamatan

Tabel 7. Tabel hasil analisa warna minyak biji pepaya

Variabel	Suhu (C°)	Warna
1	40	Kuning muda Keruh
2	50	Kuning Keruh
3	60	Kuning Keruh
4	40	Kuning muda Keruh
5	50	Kuning Keruh
6	60	Kuning Keruh
7	40	Kuning muda Keruh
8	50	Kuning Keruh
9	60	Kuning Keruh

Tabel 8. Analisa Sifat Fisik Minyak Biji Pepaya

Variabel	Variabel Berubah		Rendemen (%)	Kadar Air (%)	Densitas (gr/ml)	Viskositas (cp)
	Suhu Pemanasan Awal (˚C)	Tekanan (kg/cm^2)				

1	40	150	4,60	3,29	0,816	27,77
2	50	150	6,64	3,31	0,766	25,22
3	60	150	9,10	2,83	0,710	22,95
4	40	175	6,62	3,74	0,801	27,10
5	50	175	9,28	2,50	0,734	24,09
6	60	175	14,3	2,21	0,643	20,85
7	40	200	9,14	3,22	0,739	24,48
8	50	200	9,22	2,32	0,723	23,59
9	60	200	15,50	1,92	0,641	20,65

Tabel 9. Analisa Sifat Kimia Minyak Biji Pepaya

Variabel	Variabel Berubah		Angka Asam (mg KOH/g)	Angka Penyabunan (mg KOH/g)
	Suhu Pemanasan Awal (^oC)	Tekanan (kg/cm^2)		
1	40	150	10,94	163,90
2	50	150	11,22	160,50
3	60	150	11,64	160,26
4	40	175	11,36	161,36
5	50	175	12,06	160,13
6	60	175	14,30	159,85
7	40	200	13,47	157,18
8	50	200	11,92	158,49
9	60	200	15,15	156,82

Lampiran 2. Hasil Perhitungan

6.2.1 Persentase Rendemen

% Rendemen = x 100 %

Variabel 1 = 4,60 %

Variabel 2 = 6,64 %

Variabel 3 = 9,10 %

Variabel 4 = 6,62 %

Variabel 5 = 9,28 %

Variabel 6 = 14,30 %

Variabel 7 = 9,14 %

Variabel 8 = 9,22 %

Variabel 9 = 15,50 %

6.2.2 Kadar Air Minyak Biji Pepaya

x 100%

Variabel 1 = x 100% = 4,44 %

Variabel 2 = x 100% = 3,33 %

Variabel 3 = x 100% = 2,86 %

Variabel 4 = 3,75 %

Variabel 5 = 2,50 %

Variabel 6 = 2,22 %

Variabel 7 = = 3,22 %

Variabel 8 = 2,32 %

Variabel 9 = 1,92 %

6.2.3 Densitas Minyak Biji Pepaya

Variabel 1 = = 0,816 gr/ml

Variabel 2 = = 0,766 gr/ml

Variabel 3 = = 0,710 gr/ml

Variabel 4 = = 0,801 gr/ml

Variabel 5 = = 0,735 gr/ml

Variabel 6 = = 0,643 gr/ml

Variabel 7 = = 0,739 gr/ml

Variabel 8 = = 0,723 gr/ml

Variabel 9 = = 0,641 gr/ml

6.2.3 Viskositas Minyak Biji Pepaya

Variabel 1 = = 27,77 Cp

Variabel 2 = 25,22 Cp

Variabel 3 = = 22,95 Cp

Variabel 4 = =27,10 Cp

Variabel 5 = = 24,09 Cp

Variabel 6 = = 20,85 Cp

Variabel 7 = = 24,48 Cp

Variabel 8 = = 23,59 Cp

Variabel 9 = = 20,65 Cp

6.2.4 Angka Asam Minyak biji Pepaya

Angka asam =

Variabel 1 = = 10,93 mg KOH/g

Variabel 2 = = 11,22 mg KOH/g

Variabel 3 = = 11,64 mg KOH/g

Variabel 4 = = 11,36 mg KOH/g

Variabel 5 = = 12,06 mg KOH/g

Variabel 6 = = 14,30 mg KOH/g

Variabel 7 = = 13,74 mg KOH/g

Variabel 8 = = 11,92 mg KOH/g

Variabel 9 = = 15,15 mg KOH/g

6.2.5 Angka Penyabunan Minyak biji Pepaya

Angka Penyabunan =

Variabel 1 = = 163,90 mg KOH/g

Variabel 2 = = 160,50 mg KOH/g

Variabel 3 = = 160,26 mg KOH/g

Variabel 4 = = 161,36 mg KOH/g

Variabel 5 = = 160,13 mg KOH/g

Variabel 6 = = 159,85 mg KOH/g

Variabel 7 = = 157,18 mg KOH/g

Variabel 8 = = 158,69 mg KOH/g

Variabel 9 = = 156,82 mg KOH/g

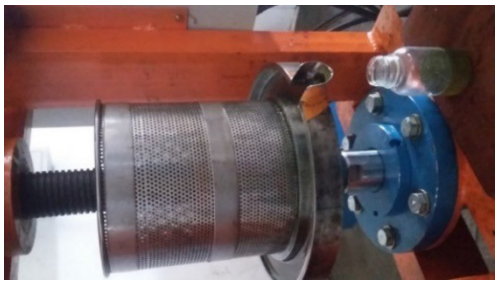
Lampiran 3. Foto Praktikum

1. Foto Bahan

(a) (b)

Gambar 13. (a) Biji pepaya,kering (b) Biji pepaya setelah dioven

2. Foto Kegiatan Praktikum

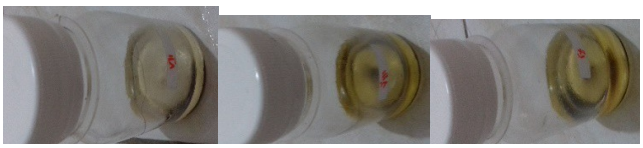


Gambar 14. Pengambilan minyak

3. Foto Hasil Praktikum

150kg/cm^2

175kg/cm^2



200kg/cm^2

Gambar 15. Minyak biji pepaya