

**L
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Lampiran 1. Surat keterangan identifikasi tanaman



UPT-LABORATORIUM

Nomor : 89/DET/UPT-LAB/26.10.2020
 Hal : Hasil determinasi tumbuhan
 Lamp. :-

Nama Pemesan : Adellya Septianasari
 NIM : 22164798A
 Alamat : Program Studi S-1 Farmasi, Universitas Setia Budi, Surakarta.
 Nama sampel : Murbei / *Morus australis* Poir/*Morus alba* L.

HASIL DETERMINASI TUMBUHAN

Klasifikasi

Kingdom : Plantae
 Super Divisi : Spermatophyta
 Divisi : Magnoliophyta
 Kelas : Magnoliopsida
 Ordo : Rosales
 Famili : Moraceae
 Genus : Morus
 Species : *Morus australis* Poir/ *Morus alba* L.

Hasil Determinasi menurut C.A. Backer & R.C. Bakhuizen van den Brink Jr. (1963):

1b – 2b – 3b – 4b – 12b – 13b – 14b – 17b – 18b – 19b – 20b – 21b – 22b – 23b – 24b – 25b
 – 26b – 27a – 799b – 800a. familia 117. Moraceae. 1b – 2b – 4b – 6b – 8b – 9a – 10a – 11b –
 12b. 2. Morus. 1b. *Morus australis* Poir.

Deskripsi:

Habitus : Perdu.

Akar : Akar tunggang.

Batang : Batang berkayu, percabangan monopodial.

Daun : Daun tunggal, ovatus sampai oblongatus, berlobi 3, letak berseling, pangka subcordatus, ujung acutus, tepi serratus, permukaan kasar; tangkai daun 1 – 2 cm.

Bunga : Daun majemuk tandan, keluar dari ketiak daun, dalam satu pohon terdapa bunga jantan dan betina.

Buah : Buah buni, berair, waktu muda hijau, setelah masak hitam.

Kepala UPT-LAB

Universitas Setia Budi



Asik Gunawan, Amdk.

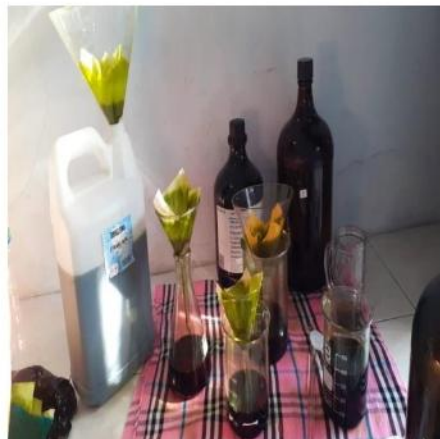
Surakarta, 26 Oktober 2020

Penanggung jawab

Determinasi Tumbuhan

A black ink signature of Dra. Dewi Sulistyawati.

Dra. Dewi Sulistyawati. M.Sc.

Lampiran 2. Ekstrak daun Murbei**Daun murbei****Serbuk daun murbei****Maserasi serbuk daun murbei****Ekstrak daun murbei*****Vacum rotary evaporator***

Lampiran 3. Hasil presentase rendemen bobot kering terhadap berat basah tanaman daun murbei.

Berat Basah (g)	Berat Kering (g)	Rendemen (b/b%)	LOD
7.500	1.300	17.33	82.67

$$\begin{aligned}
 \text{Perhitungan rendemen (b/b\%)} &= \frac{\text{Berat Kering (g)}}{\text{Berat Basah (g)}} \times 100\% \\
 &= \frac{1.300g}{7.500g} \times 100\% \\
 &= 17.33\%
 \end{aligned}$$

Perhitungan LOD (Lost on drying)

$$\text{LOD} = \frac{\text{Berat Basah (g)} - \text{Berat Kering (g)}}{\text{Berat Basah (g)}} \times 100\%$$

$$\text{LOD} = \frac{7.500g - 1.300g}{7.500g} \times 100\%$$

$$\text{LOD} = 82.67\%$$

Lampiran 4. Hasil data pembuatan ekstrak etanol daun murbei

Serbuk daun murebi (g)	Ekstrak kental (g)	Rendemen (%)
700	110	15.71

Perhitungan rendemen ekstrak

$$\text{Rendemen ekstrak} = \frac{\text{Bobot ekstrak kental (g)}}{\text{bobot serbuk (g)}} \times 100\%$$

$$\text{Rendemen ekstrak} = \frac{110}{700} \times 100\%$$

$$\text{Rendemen ekstrak} = 15.71\%$$

Lampiran 5. Hasil uji kandungan lembab serbuk daun murbei dengan *moinsture balance*

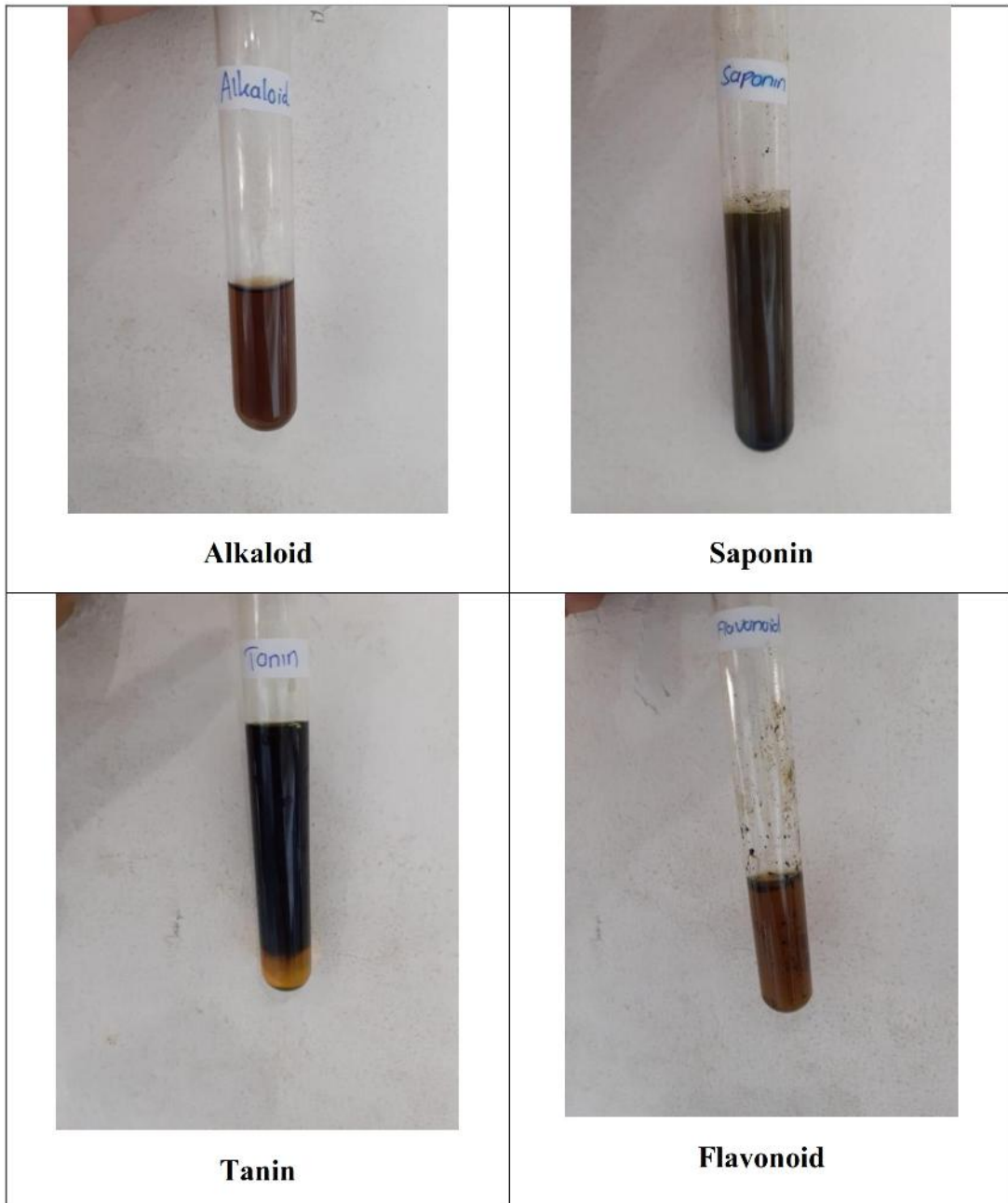
No	Jumlah serbuk (gram)	Kandungan lembab serbuk (%)
1	2	8.3
2	2	7.6
3	2	8
Rata-rata		7.967±0.3

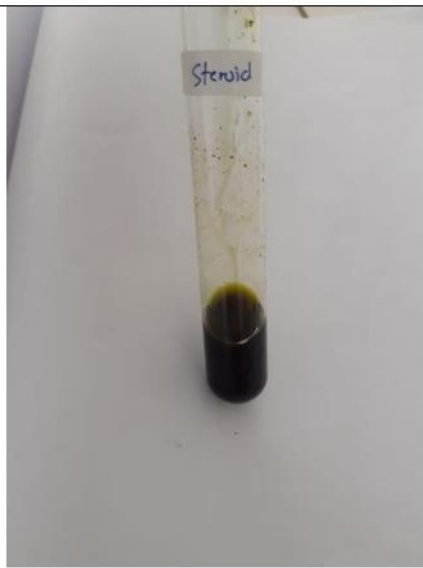


Lampiran 6. Hasil identifikasi kadar air serbuk dan daun murbei

Lampiran 7. Identifikasi kandungan kimia ekstrak daun murbei

Uji tabung



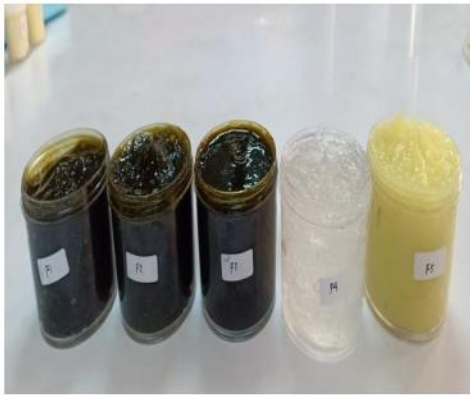


Steroid

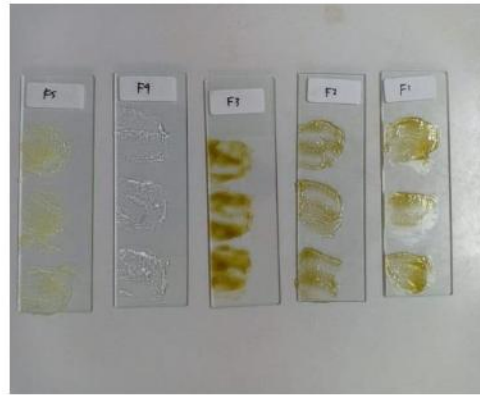


Esterifikasi bebas alkohol

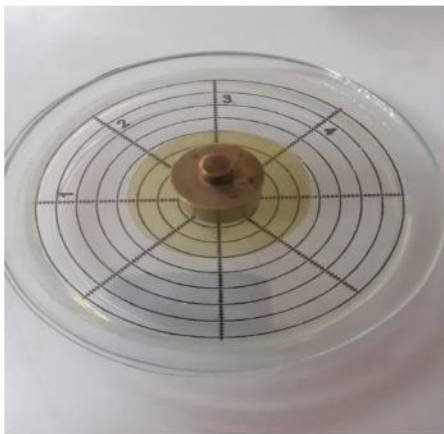
Lampiran 8. Gel ekstrak etanol daun murbei



Sediaan gel



Uji homogenitas



Uji daya sebar gel



Uji daya lekat gel



Uji viskositas



Uji pH

Lampiran 9. Hasil uji viskositas

UJI VISKOSITAS			
Waktu	Formula-1	Formula-2	Formula-3
Hari ke-1	380	380	350
	400	400	400
	420	380	370
Hari ke-7	380	370	350
	400	400	400
	380	350	320
Hari ke-14	400	310	310
	370	400	350
	350	350	320
Hari ke-21	350	300	300
	380	350	310
	350	320	310

Lampiran 10. Hasil statistik uji viskositas

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Viskositas	9	386.67	20.616	350	420

One-Sample Kolmogorov-Smirnov Test

		Viskositas
N		9
Normal Parameters ^{a,b}	Mean	386.67
	Std. Deviation	20.616
	Absolute	.186
Most Extreme Differences	Positive	.182
	Negative	-.186
Kolmogorov-Smirnov Z		.557
Asymp. Sig. (2-tailed)		.916

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Test of Homogeneity of Variances

Viskositas

Levene Statistic	df1	df2	Sig.
.578	2	6	.589

ANOVA

Viskositas

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1066.667	2	533.333	1.371	.323
Within Groups	2333.333	6	388.889		
Total	3400.000	8			

Lampiran 11. Hasil uji daya sebar

Uji daya sebar

DAYA SEBAR					
		Hari ke-1	Hari ke-7	Hari ke-14	Hari ke-21
Formula 1	Beban 50g	2.8	3	2.5	2.8
		2.7	3.2	3	3
		2.7	3	3	3.2
		3	3.4	3.2	3
	Beban 100g	3	3.2	3.2	2.8
		2.8	3.2	3.4	3.2
		2.8	3.4	3.4	3.5
		3.2	3.6	3.6	3.5
	Beban 150g	3.4	3.4	3.2	3
		3	3.2	3.6	3.3
		3	3.4	3.4	3.6
		3.4	3.6	3.8	3.5
	Beban 200g	3.5	3.2	3.2	3.2
		3.4	3.4	3.8	3.4
		3.4	3.5	3.5	3.6
	3.6	3.6	4	3.8	
Formula 2	Beban 50g	2.5	2.7	2.8	2.8
		2.4	2.7	2.8	2.4
		3	3	3	2.4
		2.8	2.8	2.6	3
	Beban 100g	2.6	2.8	2.8	2.8
		2.6	3	3	2.5
		3	3.2	3.2	2.6
		3.2	3	3	3
	Beban 150g	2.8	3.2	3.2	3
		3	3	3	3.2
		3	3.4	3.5	2.8
		3.4	3.4	3.5	3.2
	Beban 200g	3.2	3.2	3.2	3.2
		3.4	3.5	3.2	3.4
		3.4	3.6	3.5	3.5
	3.6	3.6	3.7	3.5	
Formula 3	Beban 50g	2.6	2.8	2.8	2.8
		2.8	3	2.5	3
		2.5	3	2.6	3
		2.6	2.5	2.5	2.6
	Beban 100g	2.8	2.8	2.8	2.8
		3	3.2	2.8	3
		3.2	3	2.6	3.2
		3.2	2.6	2.5	3.5
	Beban 150g	3	2.8	3	3
		3.2	3.2	3	3.3
		3.4	3.3	2.8	3.4
		3.5	3	3.2	3.5
	Beban 200g	3.2	3	3.2	3.2
		3.4	3.2	3	3.4
		3.5	3.4	3.4	3.5
	3.7	3.5	3.5	3.7	

Lampiran 12. Hasil statistik uji daya sebar

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
DayaSebar	48	3.0667	.33980	2.40	3.70

One-Sample Kolmogorov-Smirnov Test

		DayaSebar
N		48
Normal Parameters ^{a,b}	Mean	3.0667
	Std. Deviation	.33980
	Absolute	.149
Most Extreme Differences	Positive	.119
	Negative	-.149
Kolmogorov-Smirnov Z		1.034
Asymp. Sig. (2-tailed)		.236

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Test of Homogeneity of Variances

DayaSebar

Levene Statistic	df1	df2	Sig.
.119	2	45	.888

ANOVA

DayaSebar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.128	2	.064	.543	.585
Within Groups	5.299	45	.118		
Total	5.427	47			

Lampiran 13. Hasil uji daya lekat

UJI DAYA LEKAT

DAYA LEKAT (detik)			
Waktu	Formula-1	Formula-2	Formula-3
Hari ke-1	4.18	3.45	3.29
	4.08	3.52	3.42
	4.43	3.49	3.16
Hari ke-7	4.03	3.58	3.14
	3.57	3.25	3.28
	4.19	3.12	2.54
Hari ke-14	3.56	3.34	3.29
	3.32	3.21	2.41
	4.19	3.12	3.09
Hari ke-21	3.14	3.28	2.49
	4.07	3.07	3.15
	3.2	3.11	2.53

Lampiran 14. Hasil statistik uji daya sebar

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
DayaLekat	9	3.6611	.39177	3.16	4.23

One-Sample Kolmogorov-Smirnov Test

		DayaLekat
N		9
Normal Parameters ^{a,b}	Mean	3.6611
	Std. Deviation	.39177
	Absolute	.288
Most Extreme Differences	Positive	.288
	Negative	-.179
Kolmogorov-Smirnov Z		.864
Asymp. Sig. (2-tailed)		.444

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Test of Homogeneity of Variances

DayaLekat

Levene Statistic	df1	df2	Sig.
1.743	2	6	.253

ANOVA

DayaLekat

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.608	2	.304	2.944	.129
Within Groups	.620	6	.103		
Total	1.228	8			

Lampiran 15. Hasil uji pH sediaan gel

WAKTU PENGAMATAN	pH		
	Formula 1	Formula 2	Formula 3
HARI KE-1	6.34	6.31	6.02
	6.21	6.14	6.25
	6.28	6.26	6.34
HARI KE-7	6.12	5.56	5.45
	6.01	6.43	5.43
	6.12	5.56	5.45
HARI KE-14	5.52	5.43	5.36
	5.43	5.55	5.14
	6.12	6.43	5.35
HARI KE-21	5.48	5.27	5.17
	5.12	5.43	5.15
	5.48	5.25	5.06

Lampiran 16. Hasil statistik uji pH

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
pH	9	6.2389	.10386	6.02	6.34

One-Sample Kolmogorov-Smirnov Test

		pH
N		9
Normal Parameters ^{a,b}	Mean	6.2389
	Std. Deviation	.10386
	Absolute	.209
Most Extreme Differences	Positive	.165
	Negative	-.209
Kolmogorov-Smirnov Z		.628
Asymp. Sig. (2-tailed)		.825

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Test of Homogeneity of Variances

pH

Levene Statistic	df1	df2	Sig.
1.958	2	6	.222

ANOVA

pH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.008	2	.004	.310	.744
Within Groups	.078	6	.013		
Total	.086	8			

Lampiran 17. Hasil uji stabilitas viskositas

Viskositas (d-Pas)					
Waktu	Formula 1	Formula 2	Formula 3	Formula 4	Formula 5
Hari ke-1	380	380	350	370	400
	400	400	400	320	350
	420	380	370	350	320
Hari ke-21	350	300	300	270	280
	380	350	310	270	400
	350	320	310	300	250

Lampiran 18. Hasil statistik uji stabilitas viskositas

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
Viskositas	30	346.33	39.955	270	420

One-Sample Kolmogorov-Smirnov Test

		Viskositas
N		30
Normal Parameters ^{a,b}	Mean	346.33
	Std. Deviation	39.955
	Absolute	.145
Most Extreme Differences	Positive	.145
	Negative	-.137
Kolmogorov-Smirnov Z		.795
Asymp. Sig. (2-tailed)		.553

a. Test distribution is Normal.

b. Calculated from data.

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
Viskositas	30	346.33	39.955	7.295

One-Sample Test

	Test Value = 7.10					
	T	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
Viskositas	46.503	29	.063	339.233	324.31	354.15

Lampiran 19. Hasil uji stabilitas pH

Uji pH					
Waktu	Formula 1	Formula 2	Formula 3	Formula 4	Formula 5
Hari ke-1	6.34	6.31	6.02	6.14	6.08
	6.21	6.14	6.25	5.38	5.43
	6.28	6.26	6.34	6.14	6.08
Hari ke-21	5.48	5.27	5.17	5.16	5.21
	5.12	5.43	5.15	5.28	5.14
	5.48	5.25	5.06	5.13	5.10

Lampiran 20. Hasil statistik uji stabilitas pH

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
ph	30	5.6160	.45870	5.06	6.28

One-Sample Kolmogorov-Smirnov Test

		ph
N		30
Normal Parameters ^{a,b}	Mean	5.6160
	Std. Deviation	.45870
	Absolute	.217
Most Extreme Differences	Positive	.217
	Negative	-.211
Kolmogorov-Smirnov Z		1.186
Asymp. Sig. (2-tailed)		.120

a. Test distribution is Normal.

b. Calculated from data.

T-Test

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
ph	30	5.6160	.45870	.08375

One-Sample Test

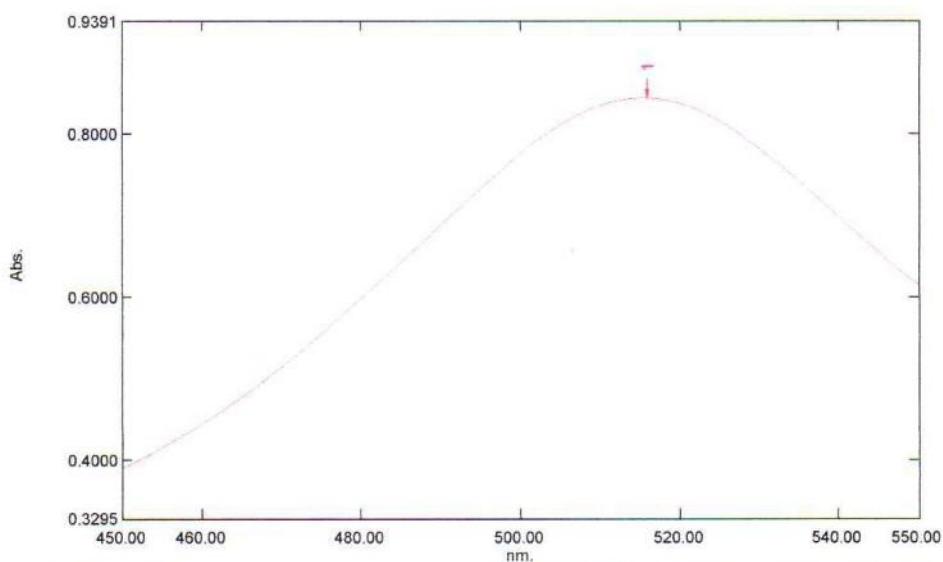
	Test Value = 0					
	T	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
ph	67.060	29	.052	5.61600	5.4447	5.7873

Lampiran 21. Panjang gelombang dan kurva baku DPPH

Spectrum Peak Pick Report

11/23/2020 10:43:01 AM

Data Set: File_201123_104143 - RawData



[Measurement Properties]
 Wavelength Range (nm.): 450.00 to 550.00
 Scan Speed: Fast
 Sampling Interval: 1.0
 Auto Sampling Interval: Disabled
 Scan Mode: Single

No.	P/V	Wavelength	Abs.	Description
1		516.00	0.8448	

[Instrument Properties]
 Instrument Type: UV-1800 Series
 Measuring Mode: Absorbance
 Slit Width: 1.0 nm
 Light Source Change Wavelength: 340.0 nm
 S/R Exchange: Normal

[Attachment Properties]
 Attachment: None

[Operation]
 Threshold: 0.0010000
 Points: 4
 InterPolate: Disabled
 Average: Disabled

[Sample Preparation Properties]
 Weight:
 Volume:
 Dilution:
 Path Length:
 Additional Information:

Lampiran 22. Hasil operating time

Kinetics Data Print Report

11/18/2020 10:18:46 AM

Time (Minute)	RawData ...
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3.000	0.563
4.000	0.562
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7.000	0.562
8.000	0.562
9.000	0.562
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11.000	0.561
12.000	0.561
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14.000	0.561
15.000	0.561
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50.000	0.558

Kinetics Data Print Report

11/18/2020 10:18:46 AM

Time (Minute)	RawData ...
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57.000	0.559
58.000	0.559
59.000	0.558
60.000	0.558

Lampiran 23. Perhitungan aktivitas antioksidan (IC₅₀)

$$\% \text{ inhibisi} = \frac{\text{absorbansi blanko} - \text{absorbansi sampel}}{\text{absorbansi blanko}} \times 100\%$$

Sampel	Konsentrasi	Absorbansi kontrol	Absorbansi sampel	% Inhibisi	Hasil regresi linier	IC ₅₀ (ppm)
Ekstrak	2	0.844	0.674	20.142	a= 16.682 b= 1.741 r= 0.998	19.129
	4		0.643	23.815		
	6		0.618	33.175		
	8		0.583	30.924		
	10		0.557	34.004		
Rutin	2	0.844	0.684	18.957	a= 14.289 b= 2.286 r= 0.997	15.616
	4		0.643	23.815		
	6		0.615	27.132		
	8		0.567	32.819		
	10		0.529	37.322		
Formula 1	10	0.844	0.612	27.488	a= 24.170 b= 0.322 r= 0.997	80.147
	20		0.583	30.924		
	30		0.564	33.175		
	40		0.531	37.085		
	50		0.502	40.521		
Formula 2	10	0.844	0.637	24.526	a= 21.267 b= 0.392 r= 0.996	73.262
	20		0.592	29.857		
	30		0.564	33.175		
	40		0.531	37.085		
	50		0.502	40.521		
Formula 3	10	0.844	0.627	25.710	a= 22.582 b= 0.353 r= 0.992	77.651
	20		0.585	30.687		
	30		0.569	32.582		
	40		0.537	36.374		
	50		0.502	40.521		
Formula 4	10	0.844	0.632	25.118	a= 21.563 b= 0.348 r= 0.993	81.632
	20		0.604	28.436		
	30		0.578	31.516		
	40		0.536	36.492		
	50		0.519	38.507		
Formula 5	10	0.844	0.743	11.966	a= 4.751 b= 0.669 r= 0.997	67.592
	20		0.691	18.127		
	30		0.639	24.289		
	40		0.586	30.568		
	50		0.513	39.218		

a. Absorbansi sampel ekstrak

Sampel	Replikasi	Konsentrasi	Absorbansi kontrol	Absorbansi sampel	%Inhibisi	Hasil regresi linier	IC ₅₀ (ppm)
Ekstrak	1	2	0,844	0,674	20,142	a= 16,682 b= 1,741 r= 0,998	19,129
		4		0,643	23,815		
		6		0,618	33,175		
		8		0,583	30,924		
		10		0,557	34,004		
Ekstrak	2	2	0,844	0,678	19,668	a=16,291 b=0,747 r=0,988	19,288
		4		0,641	24,052		
		6		0,629	25,473		
		8		0,582	31,042		
		10		0,560	33,649		
Ekstrak	3	2	0,844	0,672	20,379	a=16,706 b=1,706 r=0,994	19,513
		4		0,643	23,815		
		6		0,625	25,957		
		8		0,587	30,450		
		10		0,556	34,123		

b. Absorbansi sampel rutin

Sampel	Replikasi	Konsentrasi	Absorbansi kontrol	Absorbansi sampel	%Inhibisi	Hasil regresi linier	IC ₅₀ (ppm)
Rutin	1	2	0,844	0,684	18,957	a= 14,289 b= 2,286 r= 0,997	15,616
		4		0,643	23,815		
		6		0,615	27,132		
		8		0,567	32,819		
		10		0,529	37,322		
	2	2		0,675	20,023	a=14,751 b=2,23 r=0,994	15,782
		4		0,652	22,748		
		6		0,611	27,606		
		8		0,563	33,293		
		10		0,531	37,085		
	3	2		0,664	21,327	a=14,834 b=2,180 r=0,952	16,130
		4		0,652	22,748		
		6		0,627	25,710		
		8		0,586	30,568		
		10		0,513	39,218		

c. Absorbansi sediaan formula 1

Sampel	Replikasi	Konsentrasi	Absorbansi kontrol	Absorbansi sampel	% Inhibisi	Hasil regresi linier	IC ₅₀ (ppm)
Formula 1	1	10	0,844	0,612	27,488	a=24,170 b=0,322 r=0,997	80,147
		20		0,583	30,924		
		30		0,564	33,175		
		40		0,531	37,085		
		50		0,502	40,521		
	2	10		0,623	26,184	a=23,353 b=0,321 r=0,985	82,988
		20		0,582	31,042		
		30		0,573	32,109		
		40		0,543	35,663		
		50		0,507	26,184		
	3	10		0,647	23,341	a=20,758 b=0,341 r=0,988	85,694
		20		0,603	28,554		
		30		0,584	30,805		
		40		0,547	35,189		
		50		0,531	37,085		

d. Absorbansi sediaan formula 2

Sampel	Replikasi	Konsentrasi	Absorbansi kontrol	Absorbansi sampel	%Inhibisi	Hasil regresi linier	IC ₅₀ (ppm)
Formula 2	1	10	0,844	0,637	24,526	a= 21,267 b= 0,392 r= 0,996	73,262
		20		0,592	29,857		
		30		0,564	33,175		
		40		0,531	37,085		
		50		0,502	40,521		
	2	10		0,632	25,118	a=21,504 b=0,377 r=0,997	75,391
		20		0,594	29,620		
		30		0,571	32,345		
		40		0,535	36,611		
		50		0,502	40,521		
	3	10		0,641	24,052	a=21.860 b=0,377 r=0,978	74,451
		20		0,581	31,161		
		30		0,559	33,767		
		40		0,532	36,966		
		50		0,506	40,047		

e. Absorbansi sediaan formula 3

Sampel	Replikasi	Konsentrasi	Absorbansi kontrol	Absorbansi sampel	%Inhibisi	Hasil regresi linier	IC ₅₀ (ppm)
Formula 3	1	10	0,844	0,627	25,710	a= 22,582 b= 0,353 r= 0,992	77,651
		20		0,585	30,687		
		30		0,569	32,582		
		40		0,537	36,374		
		50		0,502	40,521		
	2	10		0,653	24,763	a=22,061 b=0,369 r=0,988	75,576
		20		0,584	30,805		
		30		0,562	33,412		
		40		0,538	36,255		
		50		0,502	40,521		
	3	10		0,642	23,933	a=22,298 b=0,338 r=0,965	81,748
		20		0,587	30,450		
		30		0,557	34,004		
		40		0,543	35,663		
		50		0,521	38,270		

f. Absorbansi sediaan formula 4

Sampel	Replikasi	Konsentrasi	Absorbansi kontrol	Absorbansi sampel	%Inhibisi	Hasil regresi linier	IC ₅₀ (ppm)
Formula 4	1	10	0,844	0,632	25,118	a= 21,563 b= 0,348 r= 0,993	81,632
		20		0,604	28,436		
		30		0,578	31,516		
		40		0,536	36,492		
		50		0,519	38,507		
	2	10		0,643	23,815	a= 20,450 b=0,345 r=0,998	85,410
		20		0,611	27,606		
		30		0,583	30,924		
		40		0,559	33,767		
		50		0,523	38,033		
	3	10		0,632	25,118	a=21,658 b=0,329 r=0,993	86,043
		20		0,608	27,962		
		30		0,581	31,161		
		40		0,542	35,789		
		50		0,526	37,677		

g. Absorbansi sediaan formula 5

Sampel	Replikasi	Konsentrasi	Absorbansi kontrol	Absorbansi sampel	%Inhibisi	Hasil regresi linier	IC ₅₀ (ppm)
Formula 5	1	10	0,844	0,743	11,966	a= 4,751 b= 0,669 r= 0,997	67,592
		20		0,691	18,127		
		30		0,639	24,289		
		40		0,586	30,568		
		50		0,513	39,218		
	2	10		0,784	7,109	a=-2,618 b=0,816 r=0,986	64,455
		20		0,736	12,796		
		30		0,685	18,838		
		40		0,569	32,582		
		50		0,523	38,033		
	3	10		0,748	11,372	a=1,362 b=0,728 r=0,964	66,747
		20		0,715	15,284		
		30		0,692	18,009		
		40		0,574	31,990		
		50		0,511	39,454		

Lampiran 24. Hasil statistik perhitungan aktivitas antioksidan (IC₅₀)

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
IC50	21	60.06214	28.181076	15.616	86.043

One-Sample Kolmogorov-Smirnov Test

		IC50
N		21
Normal Parameters ^{a,b}	Mean	60.06214
	Std. Deviation	28.181076
	Absolute	.276
Most Extreme Differences	Positive	.211
	Negative	-.276
Kolmogorov-Smirnov Z		1.266
Asymp. Sig. (2-tailed)		.081

a. Test distribution is Normal.

b. Calculated from data.

Oneway

Test of Homogeneity of Variances

IC50

Levene Statistic	df1	df2	Sig.
2.559	6	14	.069

ANOVA

IC50

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	15829.316	6	2638.219	682.152	.000
Within Groups	54.145	14	3.867		
Total	15883.461	20			