7. LAMPIRAN

Lampiran 1. Penimbangan Tanaman Sambiloto

Lampiran 2. Penimbangan Daun Sambiloto yang Telah Disortasi

Lampiran 3. Homogenisasi Ekstrak Sambiloto Menggunakan Blender

Lampiran 4. Ekstrak Sambiloto

Lampiran 5. Homogenisasi Ekstrak Jahe Menggunakan *Food Processor*

Lampiran 6. Ekstrak Jahe

Lampiran 7. Proses Pembuatan Minuman Serbuk Menggunakan Kristalisator

Lampiran 8. Penghalusan Serbuk Hasil Kristalisasi Menggunakan Blender Kering

Lampiran 9. Ekstraksi Larutan Serbuk dalam Metanol menggunakan Ultrasonic Cleaner *UC-10SD*

Lampiran 10. Uji Antioksidan Sampel Minuman Serbuk

Lampiran 11. Uji pH Ekstrak Sambiloto menggunakan pH Meter

Rpm	% Sambiloto	Kristalisasi	Blender	Lolos Ayakan	% Rendemen
60 rpm	0.50%	212.0	153.5	122.0	16.21
60 rpm	0.50%	187.2	175.2	165.0	21.93
60 rpm	1%	190.0	145.5	131.5	17.42
60 rpm	1%	189.7	181.1	163.8	21.70
60 rpm	1.50%	181.0	146.5	133.0	17.56
60 rpm	1.50%	191.0	169.2	157.5	20.79
80 rpm	0.50%	207.0	162.0	150.0	19.93
80 rpm	0.50%	203.0	183.0	167.2	22.22
80 rpm	1%	215.5	162.5	146.5	19.40
80 rpm	1%	221.2	190.2	181.5	24.04
80 rpm	1.50%	162.5	133.5	124.0	16.37
80 rpm	1.50%	215.8	196.7	188.8	24.92
100 rpm	0.50%	206.0	187.2	171.0	22.72
100 rpm	0.50%	225.8	194.3	178.7	23.75
100 rpm	1%	237.2	184.8	171.3	22.68
100 rpm	1%	228.8	198.4	191.6	25.38
100 rpm	1.50%	228.0	201.5	194.7	25.70
100 rpm	1.50%	223.4	201.4	192.8	25.45

Lampiran 12. Tabel Hasil Analisis Rendemen

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	RPM	Statistic	df	Sig.	Statistic	df	Sig.
Laju_Kristalisasi	60 rpm	.262	6	.200*	.836	6	.120
	80 rpm	.229	6	.200*	.929	6	.570
	100 rpm	.193	6	.200*	.899	6	.366

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 13. Uji Normalitas Data Waktu Kristalisasi Sampel pada Setiap Perlakuan Kecepatan Agitasi

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Konsentrasi_Sambiloto	Statistic	df	Sig.	Statistic	df	Sig.
Laju_Kristalisasi	0.5 %	.237	6	.200*	.941	6	.669
	1 %	.244	6	.200*	.939	6	.654
	1.5 %	.216	6	.200*	.868	6	.218

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 14. Uji Normalitas Data Waktu Kristalisasi Sampel pada Setiap Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Normality

	RPM	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Rendemen	60 rpm	.254	6	.200*	.860	6	.189
	80 rpm	.150	6	.200*	.959	6	.816
	100 rpm	.283	6	.146	.825	6	.097

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 15. Uji Normalitas Data Rendemen Sampel pada Setiap Perlakuan Kecepatan Agitasi

Tests of Normality

	Konsentrasi_Sambiloto	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Rendemen	0.5 %	.283	6	.146	.868	6	.218
	1 %	.157	6	.200*	.972	6	.907
	1.5 %	.273	6	.182	.848	6	.152

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 16. Uji Normalitas Data Rendemen Sampel pada Setiap Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Normality

	RPM	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar_Air	60 rpm	.162	18	.200*	.929	18	.184
	80 rpm	.163	18	.200*	.937	18	.259
	100 rpm	.139	18	.200*	.933	18	.222

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 17. Uji Normalitas Data Kadar Air Sampel pada Setiap Perlakuan Kecepatan Agitasi

Tests of Normality

	Konsentrasi_Sambiloto	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar_Air	0.5 %	.112	18	.200*	.933	18	.217
	1 %	.176	18	.147	.895	18	.046
	1.5 %	.197	18	.064	.939	18	.278

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 18. Uji Normalitas Data Kadar Air Sampel pada Setiap Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Normality

	RPM	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar_Abu	60 rpm	.121	18	.200*	.940	18	.292
	80 rpm	.197	18	.064	.920	18	.131
	100 rpm	.180	18	.129	.932	18	.209

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 19. Uji Normalitas Data Kadar Abu Sampel pada Setiap Perlakuan Kecepatan Agitasi

Tests of Normality

	Konsentrasi_Sambiloto	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar_Abu	0.5 %	.194	18	.072	.906	18	.074
	1 %	.140	18	.200*	.954	18	.490
	1.5 %	.152	18	.200*	.934	18	.232

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 20. Uji Normalitas Data Kadar Abu Sampel pada Setiap Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Normality

	RPM	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Waktu_Larut	60 rpm	.161	18	.200*	.951	18	.433
	80 rpm	.200	18	.054	.952	18	.452
	100 rpm	.136	18	.200*	.935	18	.234

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 21. Uji Normalitas Data Waktu Larut Sampel pada Setiap Perlakuan Kecepatan Agitasi

Tests of Normality

	Konsentrasi_Sambiloto	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Waktu_Larut	0.5 %	.141	18	.200*	.905	18	.071
	1 %	.155	18	.200*	.916	18	.112
	1.5 %	.168	18	.195	.912	18	.092

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 22. Uji Normalitas Data Waktu Larut Sampel pada Setiap Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Normality

	RPM	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Bulk_Density	60 rpm	.141	18	.200*	.944	18	.344
	80 rpm	.172	18	.171	.937	18	.257
	100 rpm	.136	18	.200*	.930	18	.190

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 23. Uji Normalitas Data *Bulk Density* Sampel pada Setiap Perlakuan Kecepatan Agitasi

Tests of Normality

	Konsentrasi_Sambiloto	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Bulk_Density	0.5 %	.194	18	.073	.942	18	.319
	1 %	.172	18	.167	.935	18	.238
	1.5 %	.167	18	.200*	.940	18	.290

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 24. Uji Normalitas Data *Bulk Density* Sampel pada Setiap Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Normality

	RPM	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
pH	60 rpm	.175	6	.200*	.965	6	.856
	80 rpm	.237	6	.200*	.940	6	.663
	100 rpm	.278	6	.161	.875	6	.247

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 25. Uji Normalitas Data pH Sampel pada Setiap Perlakuan Kecepatan Agitasi

Tests of Normality

	Konsentrasi_Sambiloto	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
pH	0.5 %	.148	6	.200*	.986	6	.976
	1 %	.194	6	.200*	.920	6	.507
	1.5 %	.197	6	.200*	.912	6	.448

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 26. Uji Normalitas Data pH Sampel pada Setiap Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	RPM	Statistic	df	Sig.	Statistic	df	Sig.
Aktivitas_Antioksidan	60 rpm	.111	18	.200*	.968	18	.756
	80 rpm	.115	18	.200*	.974	18	.870
	100 rpm	.101	18	.200*	.958	18	.564

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 27. Uji Normalitas Data Aktivitas Antioksidan Sampel pada Setiap Perlakuan Kecepatan Agitasi

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Konsentrasi_Sambiloto	Statistic	df	Sig.	Statistic	df	Sig.
Aktivitas_Antioksidan	0.5 %	.097	18	.200*	.966	18	.723
	1 %	.084	18	.200*	.968	18	.761
	1.5 %	.178	18	.135	.948	18	.388

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 28. Uji Normalitas Data Aktivitas Antioksidan Sampel pada Setiap Perlakuan Konsentrasi Ekstrak Sambiloto

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Laju_Kristalisasi

F	df1	df2	Sig.
8.059	8	9	.003

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + RPM + Konsentrasi_Sambiloto

Lampiran 29. Uji Homogenitas Data Waktu Kristalisasi Sampel pada Setiap Perlakuan

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Rendemen

F	df1	df2	Sig.
7.755	8	9	.003

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + RPM + Konsentrasi_Sambiloto

Lampiran 30. Uji Homogenitas Data Rendemen Sampel pada Setiap Perlakuan

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Kadar_Air

F	df1	df2	Sig.
.778	8	45	.624

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + RPM + Konsentrasi_Sambiloto

Lampiran 31. Uji Homogenitas Data Kadar Air Sampel pada Setiap Perlakuan

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Kadar_Abu

F	df1	df2	Sig.
.973	8	45	.469

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + RPM + Konsentrasi_Sambiloto

Lampiran 32. Uji Homogenitas Data Kadar Abu Sampel pada Setiap Perlakuan

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Waktu_Larut

F	df1	df2	Sig.
.519	8	45	.836

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + RPM + Konsentrasi_Sambiloto

Lampiran 33. Uji Homogenitas Data Waktu Larut Sampel pada Setiap Perlakuan

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Bulk_Density

F	df1	df2	Sig.
1.661	8	45	.135

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + RPM + Konsentrasi_Sambiloto

Lampiran 34. Uji Homogenitas Data *Bulk Density* Sampel pada Setiap Perlakuan

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Bulk_Density

F	df1	df2	Sig.
13.821	8	45	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + RPM + Konsentrasi_Sambiloto + RPM * Konsentrasi_Sambiloto

Lampiran 35. Uji Homogenitas Data pH Sampel pada Setiap Perlakuan

Levene's Test of Equality of Error Variances[a]

Dependent Variable: pH

F	df1	df2	Sig.
7.868	8	45	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + RPM + Konsentrasi_Sambiloto + RPM * Konsentrasi_Sambiloto

Lampiran 36. Uji Homogenitas Data Aktivitas Antioksidan Sampel pada Setiap Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: Laju_Kristalisasi

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1264.444[a]	8	158.056	3.419	.043
Intercept	239893.556	1	239893.556	5190.005	.000
RPM	1250.778	2	625.389	13.530	.002
Konsentrasi_Sambiloto	2.778	2	1.389	.030	.970
RPM * Konsentrasi_Sambiloto	10.889	4	2.722	.059	.992
Error	416.000	9	46.222		
Total	241574.000	18			
Corrected Total	1680.444	17			

a. R Squared = .752 (Adjusted R Squared = .532)

Lampiran 37. Uji *two way – ANOVA* Data Waktu Kristalisasi

Laju_Kristalisasi

Duncan[a,b]

RPM	N	Subset 1	Subset 2
100 rpm	6	108.5000	
80 rpm	6	110.6667	
60 rpm	6		127.1667
Sig.		.594	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 46.222.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = ,05.

Lampiran 38. Uji *Duncan* Data Waktu Kristalisasi Antar Perlakuan Kecepatan Agitasi

Laju_Kristalisasi

Duncan[a,b]

Konsentrasi_Sambiloto	N	Subset 1
1 %	6	115.1667
1.5 %	6	115.1667
0.5 %	6	116.0000
Sig.		.844

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 46.222.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = ,05.

Lampiran 39. Uji *Duncan* Data Waktu Kristalisasi Antar Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Between-Subjects Effects

Dependent Variable: Rendemen

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	84.095[a]	8	10.512	1.115	.433
Intercept	8371.266	1	8371.266	888.012	.000
RPM	76.989	2	38.494	4.083	.055
Konsentrasi_Sambiloto	1.730	2	.865	.092	.913
RPM * Konsentrasi_Sambiloto	5.376	4	1.344	.143	.962
Error	84.843	9	9.427		
Total	8540.203	18			
Corrected Total	168.938	17			

a. R Squared = .498 (Adjusted R Squared = .051)

Lampiran 40. Uji *two way – ANOVA* Data Rendemen

Rendemen

Duncan[a,b]

RPM	N	Subset 1	Subset 2
60 rpm	6	19.267000	
80 rpm	6	21.148383	21.148383
100 rpm	6		24.281083
Sig.		.316	.111

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 9.427.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = ,05.

Lampiran 41. Uji *Duncan* Data Rendemen Antar Perlakuan Kecepatan Agitasi

Rendemen

Duncan[a,b]

Konsentrasi_Sambiloto	N	Subset 1
0.5 %	6	21.127367
1 %	6	21.769317
1.5 %	6	21.799783
Sig.		.725

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 9.427.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = ,05.

Lampiran 42. Uji *Duncan* Data Rendemen Antar Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Between-Subjects Effects

Dependent Variable: Kadar_Air

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.528[a]	8	.066	3.242	.005
Intercept	95.308	1	95.308	4683.180	.000
RPM	.185	2	.093	4.554	.016
Konsentrasi_Sambiloto	.048	2	.024	1.181	.316
RPM * Konsentrasi_Sambiloto	.294	4	.074	3.617	.012
Error	.916	45	.020		
Total	96.752	54			
Corrected Total	1.444	53			

a. R Squared = .366 (Adjusted R Squared = .253)

Lampiran 43. Uji *two way – ANOVA* Data Kadar Air

Kadar_Air

Duncan[a,b]

RPM	N	Subset 1	Subset 2
80 rpm	18	1.2589	
60 rpm	18	1.3244	1.3244
100 rpm	18		1.4022
Sig.		.175	.109

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .020.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = ,05.

Lampiran 44. Uji *Duncan* Data Kadar Air Antar Perlakuan Kecepatan Agitasi

Kadar_Air

Duncan[a,b]

Konsentrasi_Sambiloto	N	Subset 1
1 %	18	1.3011
1.5 %	18	1.3144
0.5 %	18	1.3700
Sig.		.178

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .020.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = ,05.

Lampiran 45. Uji *Duncan* Data Kadar Air Antar Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Between-Subjects Effects

Dependent Variable: Kadar_Abu

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.697[a]	8	.212	7.857	.000
Intercept	72.338	1	72.338	2679.184	.000
RPM	1.449	2	.725	26.838	.000
Konsentrasi_Sambiloto	.080	2	.040	1.488	.237
RPM * Konsentrasi_Sambiloto	.167	4	.042	1.550	.204
Error	1.215	45	.027		
Total	75.250	54			
Corrected Total	2.912	53			

a. R Squared = .583 (Adjusted R Squared = .509)

Lampiran 46. Uji *two way – ANOVA* Data Kadar Abu Sampel

Kadar_Abu

Duncan[a,b]

RPM	N	Subset 1	Subset 2
80 rpm	18	1.0333	
100 rpm	18	1.0500	
60 rpm	18		1.3889
Sig.		.762	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .027.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = ,05.

Lampiran 47. Uji *Duncan* Data Kadar Abu Antar Perlakuan Kecepatan Agitasi

Kadar_Abu

Duncan[a,b]

Konsentrasi_Sambiloto	N	Subset 1
1.5 %	18	1.1111
1 %	18	1.1556
0.5 %	18	1.2056
Sig.		.110

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .027.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = ,05.

Lampiran 48. Uji *Duncan* Data Kadar Abu Antar Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Between-Subjects Effects

Dependent Variable: Waktu_Larut

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	3762.778[a]	8	470.347	107.168	.000
Intercept	138162.722	1	138162.722	31480.114	.000
RPM	3693.778	2	1846.889	420.810	.000
Konsentrasi_Sambiloto	20.111	2	10.056	2.291	.157
RPM * Konsentrasi_Sambiloto	48.889	4	12.222	2.785	.093
Error	39.500	9	4.389		
Total	141965.000	18			
Corrected Total	3802.278	17			

a. R Squared = .990 (Adjusted R Squared = .980)

Lampiran 49. Uji *two way – ANOVA* Data Waktu Larut Sampel

Waktu_Larut

Duncan[a,b]

RPM	N	Subset 1	2	3
100 rpm	6	70.8333		
80 rpm	6		86.1667	
60 rpm	6			105.8333
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 4.389.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = ,05.

Lampiran 50. Uji *Duncan* Data Waktu Larut Antar Perlakuan Kecepatan Agitasi

Waktu_Larut

Duncan[a,b]

Konsentrasi_Sambiloto	N	Subset 1
1.5 %	6	86.1667
0.5 %	6	88.0000
1 %	6	88.6667
Sig.		.079

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 4.389.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = ,05.

Lampiran 51. Uji *Duncan* Data Waktu Larut Antar Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Between-Subjects Effects

Dependent Variable: Bulk_Density

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.063[a]	8	.008	10.652	.000
Intercept	33.717	1	33.717	45404.711	.000
RPM	.019	2	.010	12.998	.000
Konsentrasi_Sambiloto	.029	2	.015	19.708	.000
RPM * Konsentrasi_Sambiloto	.015	4	.004	4.951	.002
Error	.033	45	.001		
Total	33.814	54			
Corrected Total	.097	53			

a. R Squared = .654 (Adjusted R Squared = .593)

Lampiran 52. Uji *two way – ANOVA* Data *Bulk Density* Sampel

Bulk_Density

Duncan[a,b]

RPM	N	Subset 1	Subset 2
100 rpm	18	.7650	
60 rpm	18		.7950
80 rpm	18		.8106
Sig.		1.000	.094

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .001.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = ,05.

Lampiran 53. Uji *Duncan* Data *Bulk Density* Antar Perlakuan Kecepatan Agitasi

Bulk_Density

Duncan[a,b]

Konsentrasi_Sambiloto	N	Subset 1	2	3
1.5 %	18	.7600		
1 %	18		.7939	
0.5 %	18			.8167
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .001.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = ,05.

Lampiran 54. Uji *Duncan* Data *Bulk Density* Antar Perlakuan Konsentrasi Ekstrak Sambiloto

Tests of Between-Subjects Effects

Dependent Variable: pH

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.254[a]	8	.157	1.346	.246
Intercept	2574.944	1	2574.944	22114.542	.000
RPM	.665	2	.332	2.856	.068
Konsentrasi_Sambiloto	.402	2	.201	1.727	.189
RPM * Konsentrasi_Sambiloto	.187	4	.047	.401	.807
Error	5.240	45	.116		
Total	2581.437	54			
Corrected Total	6.494	53			

a. R Squared = .193 (Adjusted R Squared = .050)

Lampiran 55. Uji *two way – ANOVA* Data pH Sampel

pH

Duncan[a,b]

Konsentrasi_Sambiloto	N	Subset 1
0.5 %	6	6.856667
1 %	6	7.001667
1.5 %	6	7.056667
Sig.		.152

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .045.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = ,05.

Lampiran 56. Uji *Duncan* Data pH Antar Perlakuan Konsentrasi Ekstrak Sambiloto

pH

Duncan[a,b]

RPM	N	Subset 1
100 rpm	6	6.825000
80 rpm	6	6.981667
60 rpm	6	7.108333
Sig.		.054

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square (Error) = .045.

a. Uses Harmonic Mean Sample Size = 6.000.

b. Alpha = ,05.

Lampiran 57. Uji *Duncan* Data pH Antar Perlakuan Kecepatan Agitasi

Tests of Between-Subjects Effects

Dependent Variable: Aktivitas_Antioksidan

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	830.839[a]	8	103.855	11.803	.000
Intercept	163169.738	1	163169.738	18544.366	.000
RPM	201.380	2	100.690	11.444	.000
Konsentrasi_Sambiloto	587.729	2	293.865	33.398	.000
RPM * Konsentrasi_Sambiloto	41.730	4	10.432	1.186	.330
Error	395.950	45	8.799		
Total	164396.527	54			
Corrected Total	1226.789	53			

a. R Squared = .677 (Adjusted R Squared = .620)

Lampiran 58. Uji *two way – ANOVA* Data Aktivitas Antioksidan Sampel

Aktivitas_Antioksidan

Duncan[a,b]

RPM	N	Subset 1	Subset 2
80 rpm	18	52.357428	
100 rpm	18		55.585722
60 rpm	18		56.965783
Sig.		1.000	.170

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 8.799.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = ,05.

Lampiran 59. Uji *Duncan* Data Aktivitas Antioksidan Antar Perlakuan Kecepatan Agitasi

Aktivitas_Antioksidan

Duncan[a,b]

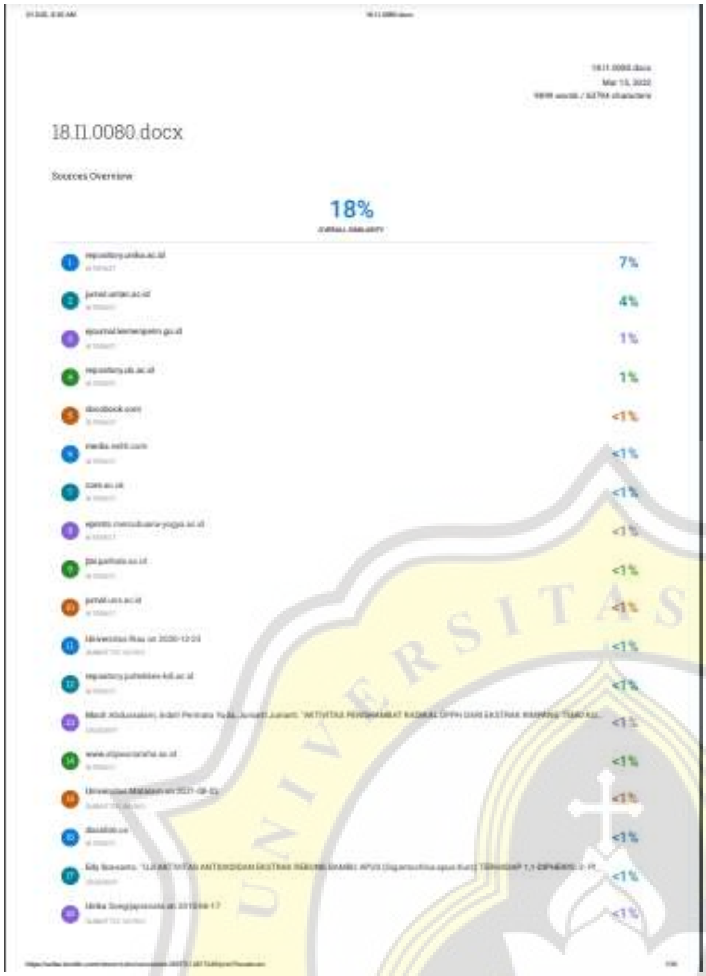
Konsentrasi_Sambiloto	N	Subset 1	Subset 2	Subset 3
0.5 %	18	50.855789		
1 %	18		55.120539	
1.5 %	18			58.932606
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 8.799.

a. Uses Harmonic Mean Sample Size = 18.000.

b. Alpha = ,05.

Lampiran 60. Uji *Duncan* Data Aktivitas Antioksidan Antar Perlakuan Konsentrasi Ekstrak Sambiloto



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Sources Overview

18%

1	7%
2	4%
3	1%
4	1%
5	<1%
6	<1%
7	<1%
8	<1%
9	<1%
10	<1%
11	<1%
12	<1%
13	<1%
14	<1%
15	<1%
16	<1%
17	<1%
18	<1%

Lampiran 61. Hasil Scan Plagiasi Skripsi