

LAMPIRAN 1 UJI ASUMSI DATA

1. Uji Normalitas

Tests of Normality^{a,b}

	Kolmogorov-Smirnov ^c			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
jam3	,366	20	,000	,588	20	,000
jam4	,311	20	,000	,667	20	,000
jam5	,245	20	,003	,781	20	,000
jam6	,159	20	,197	,866	20	,010
jam24	,204	20	,029	,779	20	,000

a. jam1 is constant. It has been omitted.

b. jam2 is constant. It has been omitted.

c. Lilliefors Significance Correction

2. Uji Homogenitas Data

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
jam1	.	4	.	.
jam2	.	4	.	.
jam3	15,000	4	15	,000
jam4	3,209	4	15	,043
jam5	7,903	4	15	,001
jam6	4,547	4	15	,013
jam24	9,500	4	15	,000



LAMPIRAN 2

UJI NON PARAMETRIK

1. Uji Kruskal Wallis

Ranks			
perlakuan	N	Mean Rank	
jam1	Kontrol Negatif	4	10,50
	Konsentrasi Ekstrak 30 %	4	10,50
	Konsentrasi Ekstrak 40 %	4	10,50
	Konsentrasi Ekstrak 50 %	4	10,50
	Kontrol Positif	4	10,50
	Total	20	
jam2	Kontrol Negatif	4	10,50
	Konsentrasi Ekstrak 30 %	4	10,50
	Konsentrasi Ekstrak 40 %	4	10,50
	Konsentrasi Ekstrak 50 %	4	10,50
	Kontrol Positif	4	10,50
	Total	20	
jam3	Kontrol Negatif	4	6,50
	Konsentrasi Ekstrak 30 %	4	6,50
	Konsentrasi Ekstrak 40 %	4	6,50
	Konsentrasi Ekstrak 50 %	4	14,50
	Kontrol Positif	4	18,50
	Total	20	
jam4	Kontrol Negatif	4	3,00
	Konsentrasi Ekstrak 30 %	4	8,13
	Konsentrasi Ekstrak 40 %	4	8,38
	Konsentrasi Ekstrak 50 %	4	14,50
	Kontrol Positif	4	18,50
	Total	20	
jam5	Kontrol Negatif	4	3,00
	Konsentrasi Ekstrak 30 %	4	6,75
	Konsentrasi Ekstrak 40 %	4	11,75
	Konsentrasi Ekstrak 50 %	4	13,50
	Kontrol Positif	4	17,50
	Total	20	
jam6	Kontrol Negatif	4	2,50
	Konsentrasi Ekstrak 30 %	4	6,50

	Konsentrasi Ekstrak 40 %	4	10,50
	Konsentrasi Ekstrak 50 %	4	14,50
	Kontrol Positif	4	18,50
	Total	20	
jam24	Kontrol Negatif	4	2,50
	Konsentrasi Ekstrak 30 %	4	6,50
	Konsentrasi Ekstrak 40 %	4	10,50
	Konsentrasi Ekstrak 50 %	4	16,50
	Kontrol Positif	4	16,50
	Total	20	

Test Statistics^{a,b}

	jam1	jam2	jam3	jam4	jam5	jam6	jam24
Chi-Square	,000	,000	18,690	17,211	15,209	18,593	18,708
df	4	4	4	4	4	4	4
Asymp. Sig.	1,000	1,000	,001	,002	,004	,001	,001

a. Kruskal Wallis Test

b. Grouping Variable: perlakuan

2. Uji Mann Whitney

Ranks

	perlakuan	N	Mean Rank	Sum of Ranks
jam1	Kontrol Negatif	4	4,50	18,00
	Konsentrasi Ekstrak 30 %	4	4,50	18,00
	Total	8		
jam2	Kontrol Negatif	4	4,50	18,00
	Konsentrasi Ekstrak 30 %	4	4,50	18,00
	Total	8		
jam3	Kontrol Negatif	4	4,50	18,00
	Konsentrasi Ekstrak 30 %	4	4,50	18,00
	Total	8		
jam4	Kontrol Negatif	4	3,00	12,00
	Konsentrasi Ekstrak 30 %	4	6,00	24,00
	Total	8		
jam5	Kontrol Negatif	4	3,00	12,00
	Konsentrasi Ekstrak 30 %	4	6,00	24,00
	Total	8		
jam6	Kontrol Negatif	4	2,50	10,00



	Konsentrasi Ekstrak 30 %	4	6,50	26,00
	Total	8		
jam24	Kontrol Negatif	4	2,50	10,00
	Konsentrasi Ekstrak 30 %	4	6,50	26,00
	Total	8		

Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	8,000	2,000	2,000	,000
Wilcoxon W	18,000	18,000	18,000	12,000	12,000	10,000
Z	,000	,000	,000	-2,000	-1,984	-2,460
Asymp. Sig. (2-tailed)	1,000	1,000	1,000	,046	,047	,014
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	1,000 ^b	,114 ^b	,114 ^b	,029 ^b

Test Statistics^a

	jam24
Mann-Whitney U	,000
Wilcoxon W	10,000
Z	-2,477
Asymp. Sig. (2-tailed)	,013
Exact Sig. [2*(1-tailed Sig.)]	,029 ^b

a. Grouping Variable: perlakuan

b. Not corrected for ties.

Ranks

perlakuan	N	Mean Rank	Sum of Ranks
jam1 Kontrol Negatif	4	4,50	18,00
Konsentrasi Ekstrak 40 %	4	4,50	18,00
Total	8		
jam2 Kontrol Negatif	4	4,50	18,00
Konsentrasi Ekstrak 40 %	4	4,50	18,00
Total	8		
jam3 Kontrol Negatif	4	4,50	18,00
Konsentrasi Ekstrak 40 %	4	4,50	18,00
Total	8		
jam4 Kontrol Negatif	4	2,50	10,00
Konsentrasi Ekstrak 40 %	4	6,50	26,00

	Total	8		
jam5	Kontrol Negatif	4	2,50	10,00
	Konsentrasi Ekstrak 40 %	4	6,50	26,00
	Total	8		
jam6	Kontrol Negatif	4	2,50	10,00
	Konsentrasi Ekstrak 40 %	4	6,50	26,00
	Total	8		
jam24	Kontrol Negatif	4	2,50	10,00
	Konsentrasi Ekstrak 40 %	4	6,50	26,00
	Total	8		

Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	8,000	,000	,000	,000
Wilcoxon W	18,000	18,000	18,000	10,000	10,000	10,000
Z	,000	,000	,000	-2,530	-2,460	-2,477
Asymp. Sig. (2-tailed)	1,000	1,000	1,000	,011	,014	,013
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	1,000 ^b	,029 ^b	,029 ^b	,029 ^b

Test Statistics^a

	jam24
Mann-Whitney U	,000
Wilcoxon W	10,000
Z	-2,460
Asymp. Sig. (2-tailed)	,014
Exact Sig. [2*(1-tailed Sig.)]	,029 ^b

- a. Grouping Variable: perlakuan
- b. Not corrected for ties.

Ranks

perlakuan	N	Mean Rank	Sum of Ranks
jam1			
Kontrol Negatif	4	4,50	18,00
Konsentrasi Ekstrak 50 %	4	4,50	18,00
Total	8		
jam2			
Kontrol Negatif	4	4,50	18,00
Konsentrasi Ekstrak 50 %	4	4,50	18,00
Total	8		



jam3	Kontrol Negatif	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam4	Kontrol Negatif	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam5	Kontrol Negatif	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam6	Kontrol Negatif	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam24	Kontrol Negatif	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		

Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	,000	,000	,000	,000
Wilcoxon W	18,000	18,000	10,000	10,000	10,000	10,000
Z	,000	,000	-2,494	-2,477	-2,460	-2,477
Asymp. Sig. (2-tailed)	1,000	1,000	,013	,013	,014	,013
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	,029 ^b	,029 ^b	,029 ^b	,029 ^b

Test Statistics^a

	jam24
Mann-Whitney U	,000
Wilcoxon W	10,000
Z	-2,646
Asymp. Sig. (2-tailed)	,008
Exact Sig. [2*(1-tailed Sig.)]	,029 ^b

a. Grouping Variable: perlakuan

b. Not corrected for ties.

Ranks

	perlakuan	N	Mean Rank	Sum of Ranks
jam1	Kontrol Negatif	4	4,50	18,00
	Kontrol Positif	4	4,50	18,00
	Total	8		
jam2	Kontrol Negatif	4	4,50	18,00
	Kontrol Positif	4	4,50	18,00
	Total	8		
jam3	Kontrol Negatif	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		
jam4	Kontrol Negatif	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		
jam5	Kontrol Negatif	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		
jam6	Kontrol Negatif	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		
jam24	Kontrol Negatif	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		

Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	,000	,000	,000	,000
Wilcoxon W	18,000	18,000	10,000	10,000	10,000	10,000
Z	,000	,000	-2,477	-2,494	-2,646	-2,646
Asymp. Sig. (2-tailed)	1,000	1,000	,013	,013	,008	,008
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	,029 ^b	,029 ^b	,029 ^b	,029 ^b

Test Statistics^a

	jam24
Mann-Whitney U	,000
Wilcoxon W	10,000
Z	-2,646
Asymp. Sig. (2-tailed)	,008
Exact Sig. [2*(1-tailed Sig.)]	,029 ^b



- a. Grouping Variable: perlakuan
 b. Not corrected for ties.

		Ranks		
	perlakuan	N	Mean Rank	Sum of Ranks
jam1	Konsentrasi Ekstrak 30 %	4	4,50	18,00
	Konsentrasi Ekstrak 40 %	4	4,50	18,00
	Total	8		
jam2	Konsentrasi Ekstrak 30 %	4	4,50	18,00
	Konsentrasi Ekstrak 40 %	4	4,50	18,00
	Total	8		
jam3	Konsentrasi Ekstrak 30 %	4	4,50	18,00
	Konsentrasi Ekstrak 40 %	4	4,50	18,00
	Total	8		
jam4	Konsentrasi Ekstrak 30 %	4	4,63	18,50
	Konsentrasi Ekstrak 40 %	4	4,38	17,50
	Total	8		
jam5	Konsentrasi Ekstrak 30 %	4	3,25	13,00
	Konsentrasi Ekstrak 40 %	4	5,75	23,00
	Total	8		
jam6	Konsentrasi Ekstrak 30 %	4	2,50	10,00
	Konsentrasi Ekstrak 40 %	4	6,50	26,00
	Total	8		
jam24	Konsentrasi Ekstrak 30 %	4	2,50	10,00
	Konsentrasi Ekstrak 40 %	4	6,50	26,00
	Total	8		

Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	8,000	7,500	3,000	,000
Wilcoxon W	18,000	18,000	18,000	17,500	13,000	10,000
Z	,000	,000	,000	-,158	-1,461	-2,323
Asymp. Sig. (2-tailed)	1,000	1,000	1,000	,874	,144	,020
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	1,000 ^b	,886 ^b	,200 ^b	,029 ^b

Test Statistics^a

	jam24
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Mann-Whitney U	,000
Wilcoxon W	10,000
Z	-2,323
Asymp. Sig. (2-tailed)	,020
Exact Sig. [2*(1-tailed Sig.)]	,029 ^b

a. Grouping Variable: perlakuan

b. Not corrected for ties.

		Ranks		
perlakuan		N	Mean Rank	Sum of Ranks
jam1	Konsentrasi Ekstrak 30 %	4	4,50	18,00
	Konsentrasi Ekstrak 50 %	4	4,50	18,00
	Total	8		
jam2	Konsentrasi Ekstrak 30 %	4	4,50	18,00
	Konsentrasi Ekstrak 50 %	4	4,50	18,00
	Total	8		
jam3	Konsentrasi Ekstrak 30 %	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam4	Konsentrasi Ekstrak 30 %	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam5	Konsentrasi Ekstrak 30 %	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam6	Konsentrasi Ekstrak 30 %	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam24	Konsentrasi Ekstrak 30 %	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		

Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	,000	,000	,000	,000
Wilcoxon W	18,000	18,000	10,000	10,000	10,000	10,000
Z	,000	,000	-2,494	-2,337	-2,309	-2,323



Asymp. Sig. (2-tailed)	1,000	1,000	,013	,019	,021	,020
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	,029 ^b	,029 ^b	,029 ^b	,029 ^b

Test Statistics^a

	jam24
Mann-Whitney U	,000
Wilcoxon W	10,000
Z	-2,477
Asymp. Sig. (2-tailed)	,013
Exact Sig. [2*(1-tailed Sig.)]	,029 ^b

a. Grouping Variable: perlakuan

b. Not corrected for ties.

Ranks

perlakuan	N	Mean Rank	Sum of Ranks
jam1			
Konsentrasi Ekstrak 30 %	4	4,50	18,00
Kontrol Positif	4	4,50	18,00
Total	8		
jam2			
Konsentrasi Ekstrak 30 %	4	4,50	18,00
Kontrol Positif	4	4,50	18,00
Total	8		
jam3			
Konsentrasi Ekstrak 30 %	4	2,50	10,00
Kontrol Positif	4	6,50	26,00
Total	8		
jam4			
Konsentrasi Ekstrak 30 %	4	2,50	10,00
Kontrol Positif	4	6,50	26,00
Total	8		
jam5			
Konsentrasi Ekstrak 30 %	4	2,50	10,00
Kontrol Positif	4	6,50	26,00
Total	8		
jam6			
Konsentrasi Ekstrak 30 %	4	2,50	10,00
Kontrol Positif	4	6,50	26,00
Total	8		
jam24			
Konsentrasi Ekstrak 30 %	4	2,50	10,00
Kontrol Positif	4	6,50	26,00
Total	8		



Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	,000	,000	,000	,000
Wilcoxon W	18,000	18,000	10,000	10,000	10,000	10,000
Z	,000	,000	-2,477	-2,352	-2,460	-2,460
Asymp. Sig. (2-tailed)	1,000	1,000	,013	,019	,014	,014
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	,029 ^b	,029 ^b	,029 ^b	,029 ^b

Test Statistics^a

	jam24
Mann-Whitney U	,000
Wilcoxon W	10,000
Z	-2,477
Asymp. Sig. (2-tailed)	,013
Exact Sig. [2*(1-tailed Sig.)]	,029 ^b

a. Grouping Variable: perlakuan

b. Not corrected for ties.

Ranks

	perlakuan	N	Mean Rank	Sum of Ranks
jam1	Konsentrasi Ekstrak 40 %	4	4,50	18,00
	Konsentrasi Ekstrak 50 %	4	4,50	18,00
	Total	8		
jam2	Konsentrasi Ekstrak 40 %	4	4,50	18,00
	Konsentrasi Ekstrak 50 %	4	4,50	18,00
	Total	8		
jam3	Konsentrasi Ekstrak 40 %	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam4	Konsentrasi Ekstrak 40 %	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam5	Konsentrasi Ekstrak 40 %	4	3,50	14,00
	Konsentrasi Ekstrak 50 %	4	5,50	22,00
	Total	8		
jam6	Konsentrasi Ekstrak 40 %	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00
	Total	8		
jam24	Konsentrasi Ekstrak 40 %	4	2,50	10,00
	Konsentrasi Ekstrak 50 %	4	6,50	26,00



Total	8		
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Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	,000	,000	4,000	,000
Wilcoxon W	18,000	18,000	10,000	10,000	14,000	10,000
Z	,000	,000	-2,494	-2,381	-1,155	-2,337
Asymp. Sig. (2-tailed)	1,000	1,000	,013	,017	,248	,019
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	,029 ^b	,029 ^b	,343 ^b	,029 ^b

Test Statistics^a

	jam24
Mann-Whitney U	,000
Wilcoxon W	10,000
Z	-2,460
Asymp. Sig. (2-tailed)	,014
Exact Sig. [2*(1-tailed Sig.)]	,029 ^b

a. Grouping Variable: perlakuan

b. Not corrected for ties.

Ranks

perlakuan	N	Mean Rank	Sum of Ranks
jam1			
Konsentrasi Ekstrak 40 %	4	4,50	18,00
Kontrol Positif	4	4,50	18,00
Total	8		
jam2			
Konsentrasi Ekstrak 40 %	4	4,50	18,00
Kontrol Positif	4	4,50	18,00
Total	8		
jam3			
Konsentrasi Ekstrak 40 %	4	2,50	10,00
Kontrol Positif	4	6,50	26,00
Total	8		
jam4			
Konsentrasi Ekstrak 40 %	4	2,50	10,00
Kontrol Positif	4	6,50	26,00
Total	8		
jam5			
Konsentrasi Ekstrak 40 %	4	3,50	14,00
Kontrol Positif	4	5,50	22,00
Total	8		



jam6	Konsentrasi Ekstrak 40 %	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		
jam24	Konsentrasi Ekstrak 40 %	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		

Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	,000	,000	4,000	,000
Wilcoxon W	18,000	18,000	10,000	10,000	14,000	10,000
Z	,000	,000	-2,477	-2,397	-1,230	-2,477
Asymp. Sig. (2-tailed)	1,000	1,000	,013	,017	,219	,013
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	,029 ^b	,029 ^b	,343 ^b	,029 ^b

Test Statistics^a

	jam24
Mann-Whitney U	,000
Wilcoxon W	10,000
Z	-2,460
Asymp. Sig. (2-tailed)	,014
Exact Sig. [2*(1-tailed Sig.)]	,029 ^b

a. Grouping Variable: perlakuan

b. Not corrected for ties.

Ranks

perlakuan	N	Mean Rank	Sum of Ranks	
jam1	Konsentrasi Ekstrak 50 %	4	4,50	18,00
	Kontrol Positif	4	4,50	18,00
	Total	8		
jam2	Konsentrasi Ekstrak 50 %	4	4,50	18,00
	Kontrol Positif	4	4,50	18,00
	Total	8		
jam3	Konsentrasi Ekstrak 50 %	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		
jam4	Konsentrasi Ekstrak 50 %	4	2,50	10,00

	Kontrol Positif	4	6,50	26,00
	Total	8		
jam5	Konsentrasi Ekstrak 50 %	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		
jam6	Konsentrasi Ekstrak 50 %	4	2,50	10,00
	Kontrol Positif	4	6,50	26,00
	Total	8		
jam24	Konsentrasi Ekstrak 50 %	4	4,50	18,00
	Kontrol Positif	4	4,50	18,00
	Total	8		

Test Statistics^a

	jam1	jam2	jam3	jam4	jam5	jam6
Mann-Whitney U	8,000	8,000	,000	,000	,000	,000
Wilcoxon W	18,000	18,000	10,000	10,000	10,000	10,000
Z	,000	,000	-2,352	-2,352	-2,460	-2,477
Asymp. Sig. (2-tailed)	1,000	1,000	,019	,019	,014	,013
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b	1,000 ^b	,029 ^b	,029 ^b	,029 ^b	,029 ^b

Test Statistics^a

	jam24
Mann-Whitney U	8,000
Wilcoxon W	18,000
Z	,000
Asymp. Sig. (2-tailed)	1,000
Exact Sig. [2*(1-tailed Sig.)]	1,000 ^b

a. Grouping Variable: perlakuan

b. Not corrected for ties.

LAMPIRAN 3
UJI KORELASI

1. Waktu Terhadap Potensi

Correlations				
			waktu	potensi
Spearman's rho	waktu	Correlation Coefficient	1,000	,983**
		Sig. (2-tailed)	.	,000
		N	28	28
	potensi	Correlation Coefficient	,983**	1,000
		Sig. (2-tailed)	,000	.
		N	28	28

** Correlation is significant at the 0.01 level (2-tailed).

2. Konsentrasi Terhadap Potensi

Correlations				
			perlakuan	jam24
Spearman's rho	konsentrasi	Correlation Coefficient	1,000	,967**
		Sig. (2-tailed)	.	,000
		N	20	20
	potensi	Correlation Coefficient	,967**	1,000
		Sig. (2-tailed)	,000	.
		N	20	20

** Correlation is significant at the 0.01 level (2-tailed).



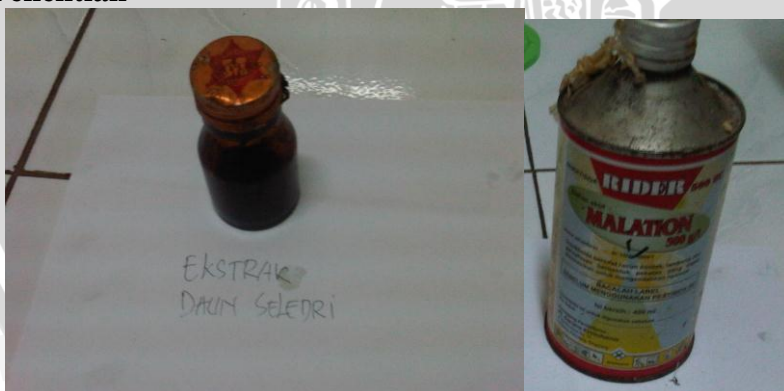
LAMPIRAN 4 DOKUMENTASI PENELITIAN

1. Peralatan Penelitian



Kandang nyamuk

2. Bahan Penelitian



Ekstrak Daun Seledri

Malathion