

## LAMPIRAN

Lampiran 1 : Jumlah kematian lalat berdasarkan waktu

Waktu	Pengulang an	Ekstrak 20%	Ekstrak 30%	Ekstrak 40%	Kontrol (+)	Kontrol (-)
10 menit	1	0	1	3	3	0
	2	1	1	2	2	0
	3	0	2	3	3	0
	4	0	1	2	3	0
<b>Mean</b>		0.25	1.25	2.50	2.75	0.00
<b>sd</b>		0.50	0.50	0.58	0.50	0.00
20 menit	1	2	3	6	3	0
	2	2	2	5	2	0
	3	1	3	5	3	0
	4	2	3	5	5	0
<b>Mean</b>		1.75	2.75	5.25	3.25	0.00
<b>sd</b>		0.50	0.50	0.50	1.26	0.00
30 menit	1	3	5	6	4	0
	2	3	4	6	3	0
	3	3	5	5	5	0
	4	3	4	5	5	0
<b>Mean</b>		3.00	4.50	5.50	4.25	0.00
<b>sd</b>		0.00	0.58	0.58	0.96	0.00
40 menit	1	5	5	7	5	0
	2	5	6	7	5	0
	3	5	5	6	5	0
	4	4	5	6	6	0
<b>Mean</b>		4.75	5.25	6.50	5.25	0.00
<b>sd</b>		0.50	0.50	0.58	0.50	0.00
50 menit	1	6	6	7	5	0
	2	6	6	7	5	0
	3	6	6	7	5	0
	4	5	5	7	7	1
<b>Mean</b>		5.75	5.75	7.00	5.50	0.25
<b>sd</b>		0.50	0.50	0.00	1.00	0.50
1 jam	1	6	7	8	6	0
	2	7	7	8	7	1
	3	6	6	7	6	0
	4	6	6	7	7	1
<b>Mean</b>		6.25	6.50	7.50	6.50	0.50
<b>sd</b>		0.50	0.58	0.58	0.58	0.58
6 jam	1	7	7	10	7	0
	2	8	9	10	8	1
	3	8	8	9	8	1
	4	6	7	9	8	2
<b>Mean</b>		7.25	7.75	9.50	7.75	1.00

	sd	0.96	0.96	0.58	0.50	0.82
24 jam	1	8	9	10	10	3
	2	8	10	10	10	4
	3	9	10	10	10	3
	4	8	10	10	10	4
	Mean	8.25	9.75	10.00	10.00	3.50
	sd	0.50	0.50	0.00	0.00	0.58

**Lampiran 2: Data Potensi Insektisida Ekstrak Bunga Lawang (*Illicium***

*Verum) (%)*

Waktu	Pengulangan	Ekstrak 20%	Ekstrak 30%	Ekstrak 40%	Kontrol (+)	Kontrol (-)
10 menit	1	0	10	30	30	0
	2	10	10	20	20	0
	3	0	20	30	30	0
	4	0	10	20	30	0
	Mean	2.50	12.50	25.00	27.50	0.00
	sd	5.00	5.00	5.77	5.00	0.00
20 menit	1	20	30	60	30	0
	2	20	20	50	20	0
	3	10	30	50	30	0
	4	20	30	50	50	0
	Mean	17.50	27.50	52.50	32.50	0.00
	sd	5.00	5.00	5.00	12.58	0.00
30 menit	1	30	50	60	40	0
	2	30	40	60	30	0
	3	30	50	50	50	0
	4	30	40	50	50	0
	Mean	30.00	45.00	55.00	42.50	0.00
	sd	0.00	5.77	5.77	9.57	0.00
40 menit	1	50	50	70	50	0
	2	50	60	70	50	0
	3	50	50	60	50	0
	4	40	50	60	60	0
	Mean	47.50	52.50	65.00	52.50	0.00
	sd	5.00	5.00	5.77	5.00	0.00
50 menit	1	60	60	70	50	0
	2	60	60	70	50	0
	3	60	60	70	50	0
	4	50	50	70	70	10
	Mean	57.50	57.50	70.00	55.00	2.50
	sd	5.00	5.00	0.00	10.00	5.00

1 jam	1	60	70	80	60	0
	2	70	70	80	70	10
	3	60	60	70	60	0
	4	60	60	70	70	10
<b>Mean</b>		62.50	65.00	75.00	65.00	5.00
<b>sd</b>		5.00	5.77	5.77	5.77	5.77
6 jam	1	70	70	100	70	0
	2	80	90	100	80	10
	3	80	80	90	80	10
	4	60	70	90	80	20
<b>Mean</b>		72.50	77.50	95.00	77.50	10.00
<b>sd</b>		9.57	9.57	5.77	5.00	8.16
24 jam	1	80	90	100	100	30
	2	80	100	100	100	40
	3	90	100	100	100	30
	4	80	100	100	100	40
<b>Mean</b>		82.50	97.50	100.00	100.00	35.00
<b>sd</b>		5.00	5.00	0.00	0.00	5.77

### Lampiran 3: Hasil Uji Normalitas

One-Sample Kolmogorov-Smirnov Test		
		Potensial
N		40
Normal Parameters <sup>a,b</sup>	Mean	46.3250
	Std. Deviation	30.79347
Most Extreme Differences	Absolute	.104
	Positive	.085
	Negative	-.104
Kolmogorov-Smirnov Z		.661
Asymp. Sig. (2-tailed)		.775

a. Test distribution is Normal.

b. Calculated from data.

### Lampiran 4: Hasil Uji Homogenitas

Test of Homogeneity of Variances			
Potensial			
Levene Statistic	df1	df2	Sig.
1.281	4	35	.296



## Lampiran 5: Oneway ANOVA test.

### ANOVA

Potensial 10 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2530.000	4	632.500	29.192	.000
Within Groups	325.000	15	21.667		
Total	2855.000	19			

### Post Hoc Tests

#### Multiple Comparisons

Potensial 10 menit

Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Konsentrasi 20%	Konsentrasi 30%	-10.000*	3.291	.055	-20.16	.16
	Konsentrasi 40%	-22.500*	3.291	.000	-32.66	-12.34
	Kontrol (+)	-25.000*	3.291	.000	-35.16	-14.84
	Kontrol (-)	2.500	3.291	.938	-7.66	12.66
Konsentrasi 30%	Konsentrasi 20%	10.000	3.291	.055	-.16	20.16
	Konsentrasi 40%	-12.500*	3.291	.013	-22.66	-2.34
	Kontrol (+)	-15.000*	3.291	.003	-25.16	-4.84
	Kontrol (-)	12.500*	3.291	.013	2.34	22.66
Konsentrasi 40%	Konsentrasi 20%	22.500*	3.291	.000	12.34	32.66
	Konsentrasi 30%	12.500*	3.291	.013	2.34	22.66
	Kontrol (+)	-2.500	3.291	.938	-12.66	7.66
	Kontrol (-)	25.000*	3.291	.000	14.84	35.16
Kontrol (+)	Konsentrasi 20%	25.000*	3.291	.000	14.84	35.16
	Konsentrasi 30%	15.000*	3.291	.003	4.84	25.16
	Konsentrasi 40%	2.500	3.291	.938	-7.66	12.66
	Kontrol (-)	27.500*	3.291	.000	17.34	37.66
Kontrol (-)	Konsentrasi 20%	-2.500	3.291	.938	-12.66	7.66
	Konsentrasi 30%	-12.500*	3.291	.013	-22.66	-2.34
	Konsentrasi 40%	-25.000*	3.291	.000	-35.16	-14.84
	Kontrol (+)	-27.500*	3.291	.000	-37.66	-17.34

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

Potensial 10 menit

Tukey HSD<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Kontrol (-)	4	.00		
Konsentrasi 20%	4	2.50	2.50	
Konsentrasi 30%	4		12.50	
Konsentrasi 40%	4			25.00
Kontrol (+)	4			27.50
Sig.		.938	.055	.938

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

## Oneway

ANOVA

Potensial 20 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5980.000	4	1495.000	32.036	.000
Within Groups	700.000	15	46.667		
Total	6680.000	19			

## Post Hoc Tests

### Multiple Comparisons

Potensial 20 menit  
Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Konsentrasi 20%	Konsentrasi 30%	-10.000 <sup>*</sup>	4.830	.282	-24.92	4.92
	Konsentrasi 40%	-35.000 <sup>*</sup>	4.830	.000	-49.92	-20.08
	Kontrol (+)	-15.000 <sup>*</sup>	4.830	.048	-29.92	-.08
	Kontrol (-)	17.500 <sup>*</sup>	4.830	.018	2.58	32.42
Konsentrasi 30%	Konsentrasi 20%	10.000 <sup>*</sup>	4.830	.282	-4.92	24.92
	Konsentrasi 40%	-25.000 <sup>*</sup>	4.830	.001	-39.92	-10.08
	Kontrol (+)	-5.000 <sup>*</sup>	4.830	.835	-19.92	9.92
	Kontrol (-)	27.500 <sup>*</sup>	4.830	.000	12.58	42.42
Konsentrasi 40%	Konsentrasi 20%	35.000 <sup>*</sup>	4.830	.000	20.08	49.92
	Konsentrasi 30%	25.000 <sup>*</sup>	4.830	.001	10.08	39.92
	Kontrol (+)	20.000 <sup>*</sup>	4.830	.007	5.08	34.92
	Kontrol (-)	52.500 <sup>*</sup>	4.830	.000	37.58	67.42
Kontrol (+)	Konsentrasi 20%	15.000 <sup>*</sup>	4.830	.048	.08	29.92
	Konsentrasi 30%	5.000 <sup>*</sup>	4.830	.835	-9.92	19.92
	Konsentrasi 40%	-20.000 <sup>*</sup>	4.830	.007	-34.92	-5.08
	Kontrol (-)	32.500 <sup>*</sup>	4.830	.000	17.58	47.42
Kontrol (-)	Konsentrasi 20%	-17.500 <sup>*</sup>	4.830	.018	-32.42	-2.58
	Konsentrasi 30%	-27.500 <sup>*</sup>	4.830	.000	-42.42	-12.58
	Konsentrasi 40%	-52.500 <sup>*</sup>	4.830	.000	-67.42	-37.58
	Kontrol (+)	-32.500 <sup>*</sup>	4.830	.000	-47.42	-17.58

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

### Potensial 20 menit

Tukey HSD<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
Kontrol (-)	4	.00			
Konsentrasi 20%	4		17.50		
Konsentrasi 30%	4		27.50	27.50	
Kontrol (+)	4			32.50	
Konsentrasi 40%	4				52.50
Sig.		1.000	.282	.835	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

## Oneway

**ANOVA**

Potensial 30 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7220.000	4	1805.000	57.000	.000
Within Groups	475.000	15	31.667		
Total	7695.000	19			

**Post Hoc Tests**

**Multiple Comparisons**

Potensial 30 menit

Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Konsentrasi 20%	Konsentrasi 30%	-15.00000*	3.97911	.014	-27.2872	-2.7128
	Konsentrasi 40%	-25.00000*	3.97911	.000	-37.2872	-12.7128
	Kontrol (+)	-12.50000*	3.97911	.045	-24.7872	-.2128
	Kontrol (-)	30.00000*	3.97911	.000	17.7128	42.2872
Konsentrasi 30%	Konsentrasi 20%	15.00000*	3.97911	.014	2.7128	27.2872
	Konsentrasi 40%	-10.00000	3.97911	.140	-22.2872	2.2872
	Kontrol (+)	2.50000	3.97911	.968	-9.7872	14.7872
	Kontrol (-)	45.00000*	3.97911	.000	32.7128	57.2872
Konsentrasi 40%	Konsentrasi 20%	25.00000*	3.97911	.000	12.7128	37.2872
	Konsentrasi 30%	10.00000	3.97911	.140	-2.2872	22.2872
	Kontrol (+)	12.50000*	3.97911	.045	.2128	24.7872
	Kontrol (-)	55.00000*	3.97911	.000	42.7128	67.2872
Kontrol (+)	Konsentrasi 20%	12.50000*	3.97911	.045	.2128	24.7872
	Konsentrasi 30%	-2.50000	3.97911	.968	-14.7872	9.7872
	Konsentrasi 40%	-12.50000*	3.97911	.045	-24.7872	-.2128
	Kontrol (-)	42.50000*	3.97911	.000	30.2128	54.7872
Kontrol (-)	Konsentrasi 20%	-30.00000*	3.97911	.000	-42.2872	-17.7128
	Konsentrasi 30%	-45.00000*	3.97911	.000	-57.2872	-32.7128
	Konsentrasi 40%	-55.00000*	3.97911	.000	-67.2872	-42.7128
	Kontrol (+)	-42.50000*	3.97911	.000	-54.7872	-30.2128

\*. The mean difference is significant at the 0.05 level.





## Homogeneous Subsets

Potensial 30 menit

Tukey HSD<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
Kontrol (-)	4	.0000			
Konsentrasi 20%	4		30.0000		
Kontrol (+)	4			42.5000	
Konsentrasi 30%	4			45.0000	45.0000
Konsentrasi 40%	4				55.0000
Sig.		1.000	1.000	.968	.140

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

## Oneway

ANOVA

Potensial 40 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	10130.000	4	2532.500	116.885	.000
Within Groups	325.000	15	21.667		
Total	10455.000	19			



## Post Hoc Tests

### Multiple Comparisons

Potensial 40 menit  
Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Konsentrasi 20%	Konsentrasi 30%	-5.00000	3.29140	.567	-15.1636	5.1636
	Konsentrasi 40%	-17.50000 <sup>*</sup>	3.29140	.001	-27.6636	-7.3364
	Kontrol (+)	-5.00000	3.29140	.567	-15.1636	5.1636
	Kontrol (-)	47.50000 <sup>*</sup>	3.29140	.000	37.3364	57.6636
Konsentrasi 30%	Konsentrasi 20%	5.00000	3.29140	.567	-5.1636	15.1636
	Konsentrasi 40%	-12.50000 <sup>*</sup>	3.29140	.013	-22.6636	-2.3364
	Kontrol (+)	.00000	3.29140	1.000	-10.1636	10.1636
	Kontrol (-)	52.50000 <sup>*</sup>	3.29140	.000	42.3364	62.6636
Konsentrasi 40%	Konsentrasi 20%	17.50000 <sup>*</sup>	3.29140	.001	7.3364	27.6636
	Konsentrasi 30%	12.50000 <sup>*</sup>	3.29140	.013	2.3364	22.6636
	Kontrol (+)	12.50000 <sup>*</sup>	3.29140	.013	2.3364	22.6636
	Kontrol (-)	65.00000 <sup>*</sup>	3.29140	.000	54.8364	75.1636
Kontrol (+)	Konsentrasi 20%	5.00000	3.29140	.567	-5.1636	15.1636
	Konsentrasi 30%	.00000	3.29140	1.000	-10.1636	10.1636
	Konsentrasi 40%	-12.50000 <sup>*</sup>	3.29140	.013	-22.6636	-2.3364
	Kontrol (-)	52.50000 <sup>*</sup>	3.29140	.000	42.3364	62.6636
Kontrol (-)	Konsentrasi 20%	-47.50000 <sup>*</sup>	3.29140	.000	-57.6636	-37.3364
	Konsentrasi 30%	-52.50000 <sup>*</sup>	3.29140	.000	-62.6636	-42.3364
	Konsentrasi 40%	-65.00000 <sup>*</sup>	3.29140	.000	-75.1636	-54.8364
	Kontrol (+)	-52.50000 <sup>*</sup>	3.29140	.000	-62.6636	-42.3364

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

Potensial 40 menit

Tukey HSD<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Kontrol (-)	4	.0000		
Konsentrasi 20%	4		47.5000	
Konsentrasi 30%	4		52.5000	
Kontrol (+)	4		52.5000	
Konsentrasi 40%	4			65.0000
Sig.		1.000	.567	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

## Oneway

ANOVA

Potensial 50 menit

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	11130.000	4	2782.500	79.500	.000
Within Groups	525.000	15	35.000		
Total	11655.000	19			

## Post Hoc Tests

### Multiple Comparisons

Potensial 50 menit  
Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Konsentrasi 20%	Konsentrasi 30%	.00000	4.18330	1.000	-12.9177	12.9177
	Konsentrasi 40%	-12.50000	4.18330	.060	-25.4177	.4177
	Kontrol (+)	2.50000	4.18330	.973	-10.4177	15.4177
	Kontrol (-)	55.00000*	4.18330	.000	42.0823	67.9177
Konsentrasi 30%	Konsentrasi 20%	.00000	4.18330	1.000	-12.9177	12.9177
	Konsentrasi 40%	-12.50000	4.18330	.060	-25.4177	.4177
	Kontrol (+)	2.50000	4.18330	.973	-10.4177	15.4177
	Kontrol (-)	55.00000*	4.18330	.000	42.0823	67.9177
Konsentrasi 40%	Konsentrasi 20%	12.50000	4.18330	.060	-.4177	25.4177
	Konsentrasi 30%	12.50000	4.18330	.060	-.4177	25.4177
	Kontrol (+)	15.00000*	4.18330	.019	2.0823	27.9177
	Kontrol (-)	67.50000*	4.18330	.000	54.5823	80.4177
Kontrol (+)	Konsentrasi 20%	-2.50000	4.18330	.973	-15.4177	10.4177
	Konsentrasi 30%	-2.50000	4.18330	.973	-15.4177	10.4177
	Konsentrasi 40%	-15.00000*	4.18330	.019	-27.9177	-2.0823
	Kontrol (-)	52.50000*	4.18330	.000	39.5823	65.4177
Kontrol (-)	Konsentrasi 20%	-55.00000*	4.18330	.000	-67.9177	-42.0823
	Konsentrasi 30%	-55.00000*	4.18330	.000	-67.9177	-42.0823
	Konsentrasi 40%	-67.50000*	4.18330	.000	-80.4177	-54.5823
	Kontrol (+)	-52.50000*	4.18330	.000	-65.4177	-39.5823

\*. The mean difference is significant at the 0.05 level.



## Homogeneous Subsets

Potensial 50 menit

Tukey HSD<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Kontrol (-)	4	2.5000		
Kontrol (+)	4		55.0000	
Konsentrasi 20%	4		57.5000	57.5000
Konsentrasi 30%	4		57.5000	57.5000
Konsentrasi 40%	4			70.0000
Sig.		1.000	.973	.060

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

## Oneway

ANOVA

Potensial 1 jam

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12620.000	4	3155.000	99.632	.000
Within Groups	475.000	15	31.667		
Total	13095.000	19			

## Post Hoc Tests

### Multiple Comparisons

Potensial 1 jam  
Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Konsentrasi 20%	Konsentrasi 30%	-2.50000*	3.97911	.968	-14.7872	9.7872
	Konsentrasi 40%	-12.50000*	3.97911	.045	-24.7872	-.2128
	Kontrol (+)	-2.50000	3.97911	.968	-14.7872	9.7872
	Kontrol (-)	57.50000*	3.97911	.000	45.2128	69.7872
Konsentrasi 30%	Konsentrasi 20%	2.50000	3.97911	.968	-9.7872	14.7872
	Konsentrasi 40%	-10.00000	3.97911	.140	-22.2872	2.2872
	Kontrol (+)	.00000	3.97911	1.000	-12.2872	12.2872
	Kontrol (-)	60.00000*	3.97911	.000	47.7128	72.2872
Konsentrasi 40%	Konsentrasi 20%	12.50000*	3.97911	.045	.2128	24.7872
	Konsentrasi 30%	10.00000	3.97911	.140	-2.2872	22.2872
	Kontrol (+)	10.00000	3.97911	.140	-2.2872	22.2872
	Kontrol (-)	70.00000*	3.97911	.000	57.7128	82.2872
Kontrol (+)	Konsentrasi 20%	2.50000	3.97911	.968	-9.7872	14.7872
	Konsentrasi 30%	.00000	3.97911	1.000	-12.2872	12.2872
	Konsentrasi 40%	-10.00000	3.97911	.140	-22.2872	2.2872
	Kontrol (-)	60.00000*	3.97911	.000	47.7128	72.2872
Kontrol (-)	Konsentrasi 20%	-57.50000*	3.97911	.000	-69.7872	-45.2128
	Konsentrasi 30%	-60.00000*	3.97911	.000	-72.2872	-47.7128
	Konsentrasi 40%	-70.00000*	3.97911	.000	-82.2872	-57.7128
	Kontrol (+)	-60.00000*	3.97911	.000	-72.2872	-47.7128

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

### Potensial 1 jam

Tukey HSD<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Kontrol (-)	4	5.0000		
Konsentrasi 20%	4		62.5000	
Konsentrasi 30%	4		65.0000	65.0000
Kontrol (+)	4		65.0000	65.0000
Konsentrasi 40%	4			75.0000
Sig.		1.000	.968	.140

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

## Oneway

### ANOVA

Potensial 6 jam

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	17130.000	4	4282.500	69.446	.000
Within Groups	925.000	15	61.667		
Total	18055.000	19			



## Post Hoc Tests

### Multiple Comparisons

Potensial 6 jam  
Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Konsentrasi 20%	Konsentrasi 30%	-5.00000	5.55278	.892	-22.1466	12.1466
	Konsentrasi 40%	-22.50000*	5.55278	.008	-39.6466	-5.3534
	Kontrol (+)	-5.00000	5.55278	.892	-22.1466	12.1466
	Kontrol (-)	62.50000*	5.55278	.000	45.3534	79.6466
Konsentrasi 30%	Konsentrasi 20%	5.00000	5.55278	.892	-12.1466	22.1466
	Konsentrasi 40%	-17.50000*	5.55278	.044	-34.6466	-.3534
	Kontrol (+)	.00000	5.55278	1.000	-17.1466	17.1466
	Kontrol (-)	67.50000*	5.55278	.000	50.3534	84.6466
Konsentrasi 40%	Konsentrasi 20%	22.50000*	5.55278	.008	5.3534	39.6466
	Konsentrasi 30%	17.50000*	5.55278	.044	.3534	34.6466
	Kontrol (+)	17.50000*	5.55278	.044	.3534	34.6466
	Kontrol (-)	85.00000*	5.55278	.000	67.8534	102.1466
Kontrol (+)	Konsentrasi 20%	5.00000	5.55278	.892	-12.1466	22.1466
	Konsentrasi 30%	.00000	5.55278	1.000	-17.1466	17.1466
	Konsentrasi 40%	-17.50000*	5.55278	.044	-34.6466	-.3534
	Kontrol (-)	67.50000*	5.55278	.000	50.3534	84.6466
Kontrol (-)	Konsentrasi 20%	-62.50000*	5.55278	.000	-79.6466	-45.3534
	Konsentrasi 30%	-67.50000*	5.55278	.000	-84.6466	-50.3534
	Konsentrasi 40%	-85.00000*	5.55278	.000	-102.1466	-67.8534
	Kontrol (+)	-67.50000*	5.55278	.000	-84.6466	-50.3534

\*. The mean difference is significant at the 0.05 level.

## Homogeneous Subsets

Potensial 6 jam

Tukey HSD<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Kontrol (-)	4	10.0000		
Konsentrasi 20%	4		72.5000	
Konsentrasi 30%	4		77.5000	
Kontrol (+)	4		77.5000	
Konsentrasi 40%	4			95.0000
Sig.		1.000	.892	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

## Oneway

ANOVA

Potensial 24 jam

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12370.000	4	3092.500	185.550	.000
Within Groups	250.000	15	16.667		
Total	12620.000	19			

## Post Hoc Tests

### Multiple Comparisons

Potensial 24 jam  
Tukey HSD

(I) Perlakuan	(J) Perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Konsentrasi 20%	Konsentrasi 30%	-15.00000 <sup>*</sup>	2.88675	.001	-23.9141	-6.0859
	Konsentrasi 40%	-17.50000 <sup>*</sup>	2.88675	.000	-26.4141	-8.5859
	Kontrol (+)	-17.50000 <sup>*</sup>	2.88675	.000	-26.4141	-8.5859
	Kontrol (-)	47.50000 <sup>*</sup>	2.88675	.000	38.5859	56.4141
Konsentrasi 30%	Konsentrasi 20%	15.00000 <sup>*</sup>	2.88675	.001	6.0859	23.9141
	Konsentrasi 40%	-2.50000	2.88675	.905	-11.4141	6.4141
	Kontrol (+)	-2.50000	2.88675	.905	-11.4141	6.4141
	Kontrol (-)	62.50000 <sup>*</sup>	2.88675	.000	53.5859	71.4141
Konsentrasi 40%	Konsentrasi 20%	17.50000 <sup>*</sup>	2.88675	.000	8.5859	26.4141
	Konsentrasi 30%	2.50000	2.88675	.905	-6.4141	11.4141
	Kontrol (+)	.00000	2.88675	1.000	-8.9141	8.9141
	Kontrol (-)	65.00000 <sup>*</sup>	2.88675	.000	56.0859	73.9141
Kontrol (+)	Konsentrasi 20%	17.50000 <sup>*</sup>	2.88675	.000	8.5859	26.4141
	Konsentrasi 30%	2.50000	2.88675	.905	-6.4141	11.4141
	Konsentrasi 40%	.00000	2.88675	1.000	-8.9141	8.9141
	Kontrol (-)	65.00000 <sup>*</sup>	2.88675	.000	56.0859	73.9141
Kontrol (-)	Konsentrasi 20%	-47.50000 <sup>*</sup>	2.88675	.000	-56.4141	-38.5859
	Konsentrasi 30%	-62.50000 <sup>*</sup>	2.88675	.000	-71.4141	-53.5859
	Konsentrasi 40%	-65.00000 <sup>*</sup>	2.88675	.000	-73.9141	-56.0859
	Kontrol (+)	-65.00000 <sup>*</sup>	2.88675	.000	-73.9141	-56.0859

\*. The mean difference is significant at the 0.05 level.



## Homogeneous Subsets

### Potensial 24 jam

Tukey HSD<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Kontrol (-)	4	35.0000		
Konsentrasi 20%	4		82.5000	
Konsentrasi 30%	4			97.5000
Konsentrasi 40%	4			100.0000
Kontrol (+)	4			100.0000
Sig.		1.000	1.000	.905

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

## Lampiran 6: Uji Korelasi

### Correlations

		Waktu	Konsentrasi	Potensial
Waktu	Pearson Correlation	1	.000	.639**
	Sig. (2-tailed)		.998	.000
	N	96	96	96
Konsentrasi	Pearson Correlation	.000	1	.318**
	Sig. (2-tailed)	.998		.002
	N	96	96	96
Potensial	Pearson Correlation	.639**	.318**	1
	Sig. (2-tailed)	.000	.002	
	N	96	96	96

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

## Lampiran 7: Uji Regresi

### Variables Entered/Removed

Model	Variables Entered	Variables Removed	Method
1	Konsentrasi, Waktu <sup>a</sup>		. Enter

a. All requested variables entered.

**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.714 <sup>a</sup>	.510	.499	18.833

a. Predictors: (Constant), Konsentrasi, Waktu

**ANOVA<sup>b</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	34309.985	2	17154.993	48.367	.000 <sup>a</sup>
	Residual	32985.848	93	354.687		
	Total	67295.833	95			

a. Predictors: (Constant), Konsentrasi, Waktu

b. Dependent Variable: Potensial

**Coefficients<sup>a</sup>**

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	15.920	7.393		2.153	.034
	Waktu	2.198	.250	.639	8.806	.000
	Konsentrasi	1.031	.235	.318	4.378	.000

a. Dependent Variable: Potensial







