

LAMPIRAN

Lampiran 1. Hasil Penghitungan Koloni Bakteri yang Tumbuh pada Medium

BHIA

Konsentrasi	Σ koloni (CFU/plate)			
	Pengulangan			
	I	II	III	IV
12.5 %	110	115	106	124
15 %	43	41	47	44
17.5 %	31	35	34	34
20 %	20	17	19	17
22.5 %	5	7	7	6
25 %	0	0	0	0
OI	1782	1907	1879	2405

Konsentrasi	N	Rerata	Standart Deviasi
12,5%	4	113,75	7,762
15%	4	43,75	2,500
17,5%	4	33,50	1,732
20%	4	18,25	1,500
22,5%	4	6,25	0,957
25%	4	0	0

Lampiran 2. Uji Normalitas Kolmogrov-Smirnov

One-Sample Kolmogorov-Smirnov Test

		Konsentrasi	Jumlah
N		24	24
Normal Parameters ^{a,b}	Mean	18.750	35.92
	Std. Deviation	4.3614	38.813
Most Extreme Differences	Absolute	.138	.221
	Positive	.138	.221
	Negative	-.138	-.177
Kolmogorov-Smirnov Z		.678	1.082
Asymp. Sig. (2-tailed)		.748	.192

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 3. Uji Homogenitas

Test of Homogeneity of Variances

Jumlah

Levene Statistic	df 1	df 2	Sig.
2.462	5	18	.072

Lampiran 4. Uji One-Way ANOVA

ANOVA

Jumlah

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	34429.833	5	6885.967	568.566	.000
Within Groups	218.000	18	12.111		
Total	34647.833	23			



Lampiran 5. Uji Post Hoc Tukey

Multiple Comparisons

Dependent Variable: Jumlah
Tukey HSD

(I) Konsentrasi	(J) Konsentrasi	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
12.5	15.0	70.000*	2.461	.000	62.18	77.82
	17.5	80.250*	2.461	.000	72.43	88.07
	20.0	95.500*	2.461	.000	87.68	103.32
	22.5	107.500*	2.461	.000	99.68	115.32
	25.0	113.750*	2.461	.000	105.93	121.57
15.0	12.5	-70.000*	2.461	.000	-77.82	-62.18
	17.5	10.250*	2.461	.007	2.43	18.07
	20.0	25.500*	2.461	.000	17.68	33.32
	22.5	37.500*	2.461	.000	29.68	45.32
	25.0	43.750*	2.461	.000	35.93	51.57
17.5	12.5	-80.250*	2.461	.000	-88.07	-72.43
	15.0	-10.250*	2.461	.007	-18.07	-2.43
	20.0	15.250*	2.461	.000	7.43	23.07
	22.5	27.250*	2.461	.000	19.43	35.07
	25.0	33.500*	2.461	.000	25.68	41.32
20.0	12.5	-95.500*	2.461	.000	-103.32	-87.68
	15.0	-25.500*	2.461	.000	-33.32	-17.68
	17.5	-15.250*	2.461	.000	-23.07	-7.43
	22.5	12.000*	2.461	.001	4.18	19.82
	25.0	18.250*	2.461	.000	10.43	26.07
22.5	12.5	-107.500*	2.461	.000	-115.32	-99.68
	15.0	-37.500*	2.461	.000	-45.32	-29.68
	17.5	-27.250*	2.461	.000	-35.07	-19.43
	20.0	-12.000*	2.461	.001	-19.82	-4.18
	25.0	6.250	2.461	.164	-1.57	14.07
25.0	12.5	-113.750*	2.461	.000	-121.57	-105.93
	15.0	-43.750*	2.461	.000	-51.57	-35.93
	17.5	-33.500*	2.461	.000	-41.32	-25.68
	20.0	-18.250*	2.461	.000	-26.07	-10.43
	22.5	-6.250	2.461	.164	-14.07	1.57

*. The mean difference is significant at the .05 level.

Lampiran 6. Uji Homogeneous Subsets

Jumlah

Tukey HSD^a

Konsentrasi	N	Subset for alpha = .05				
		1	2	3	4	5
25.0	4	.00				
22.5	4	6.25				
20.0	4		18.25			
17.5	4			33.50		
15.0	4				43.75	
12.5	4					113.75
Sig.		.164	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Lampiran 7. Uji Korelasi

Correlations

		Konsentrasi	Jumlah
Konsentrasi	Pearson Correlation	1	-.894**
	Sig. (2-tailed)	.	.000
	N	24	24
Jumlah	Pearson Correlation	-.894**	1
	Sig. (2-tailed)	.000	.
	N	24	24

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

Lampiran 8. Uji Regresi

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.894 ^a	.800	.791	17.745

a. Predictors: (Constant), Konsentrasi

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	27720.700	1	27720.700	88.039	.000 ^a
	Residual	6927.133	22	314.870		
	Total	34647.833	23			

a. Predictors: (Constant), Konsentrasi

b. Dependent Variable: Jumlah

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	185.167	16.314		11.350	.000
	Konsentrasi	-7.960	.848	-.894	-9.383	.000

a. Dependent Variable: Jumlah