

LAMPIRAN



Chamber III yang di isi oleh karbon aktif



Bahan karbon aktif ukuran 8-16mesh



Alat pengukur untuk data dukung pH meter dan thermometer



Pengukuran suhu air limbah cucian piring



Proses pengambilan sampel di PT.Sipatex Putri Lestari



Pengaturan debit limbah sesuai dengan yang ada di industri



Influent air limbah menuju alat grease trap termodifikasi



Alat tampak depan



Alat tampak atas

LAMPIRAN UJI STATISTIK

Uji Normalitas

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Pre 1	6	33.3%	12	66.7%	18	100.0%
Pre2	6	33.3%	12	66.7%	18	100.0%
Pre3	6	33.3%	12	66.7%	18	100.0%
post1	6	33.3%	12	66.7%	18	100.0%
post2	6	33.3%	12	66.7%	18	100.0%
post3	6	33.3%	12	66.7%	18	100.0%

Descriptives

		Statistic	Std. Error
Pre 1	Mean	27.350	1.2363
	95% Confidence Interval for Mean	24.172	
	Lower Bound		
	Upper Bound	30.528	
	5% Trimmed Mean	27.339	
	Median	27.200	
	Variance	9.171	
	Std. Deviation	3.0284	
	Minimum	23.1	
	Maximum	31.8	
	Range	8.7	
	Interquartile Range	5.0	
	Skewness	.131	.845
	Kurtosis	-.050	1.741
Pre2	Mean	27.467	1.1647

	95% Confidence Interval for Mean	Lower Bound	24.473	
		Upper Bound	30.461	
	5% Trimmed Mean		27.469	
	Median		27.350	
	Variance		8.139	
	Std. Deviation		2.8528	
	Minimum		23.4	
	Maximum		31.5	
	Range		8.1	
	Interquartile Range		4.9	
	Skewness		.013	.845
	Kurtosis		-.277	1.741
Pre3	Mean		27.350	1.1023
	95% Confidence Interval for Mean	Lower Bound	24.516	
		Upper Bound	30.184	
	5% Trimmed Mean		27.306	
	Median		27.000	
	Variance		7.291	
	Std. Deviation		2.7002	
	Minimum		23.8	
	Maximum		31.7	
	Range		7.9	
	Interquartile Range		4.2	
	Skewness		.558	.845
	Kurtosis		.693	1.741
post1	Mean		15.033	.9908
	95% Confidence Interval for Mean	Lower Bound	12.486	
		Upper Bound	17.580	
	5% Trimmed Mean		14.943	
	Median		14.000	
	Variance		5.891	

	Std. Deviation		2.4271	
	Minimum		12.9	
	Maximum		18.8	
	Range		5.9	
	Interquartile Range		4.6	
	Skewness		.981	.845
	Kurtosis		-.955	1.741
post2	Mean		11.483	.4408
	95% Confidence Interval for Mean	Lower Bound	10.350	
		Upper Bound	12.616	
	5% Trimmed Mean		11.515	
	Median		11.750	
	Variance		1.166	
	Std. Deviation		1.0797	
	Minimum		9.7	
	Maximum		12.7	
	Range		3.0	
	Interquartile Range		1.8	
	Skewness		-.893	.845
	Kurtosis		.353	1.741
post3	Mean		3.683	.2701
	95% Confidence Interval for Mean	Lower Bound	2.989	
		Upper Bound	4.378	
	5% Trimmed Mean		3.687	
	Median		3.750	
	Variance		.438	
	Std. Deviation		.6616	
	Minimum		2.8	
	Maximum		4.5	
	Range		1.7	

Interquartile Range	1.3	
Skewness	-.186	.845
Kurtosis	-1.675	1.741

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Pre 1	.108	6	.200*	.998	6	1.000
Pre2	.106	6	.200*	.998	6	1.000
Pre3	.174	6	.200*	.979	6	.947
post1	.301	6	.095	.842	6	.135
post2	.210	6	.200*	.946	6	.710
post3	.184	6	.200*	.955	6	.784

a. Lilliefors Significance Correction

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

Uji Homogenitas

Test of Homogeneity of Variances

Levene Statistic	df1	df2	Sig.
.413	2	15	.669

Uji One Way Anova

ANOVA

Kadar Minyak dan lemak

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	402.601	2	201.301	41.932	.000
Within Groups	72.010	15	4.801		
Total	474.611	17			

Uji Post Hoc

Multiple Comparisons

Kadar Minyak dan lemak

LSD

(I) Perlakuan Penelitian	(J) Perlakuan Penelitian	Mean Difference (I-J)	Std. Error	Sig.
Variasi Ketebalan 10 cm	Variasi Ketebalan 20 cm	-3.6667*	1.2650	.011
	Variasi Ketebalan 30 cm	-11.3500*	1.2650	.000
Variasi Ketebalan 20 cm	Variasi Ketebalan 10 cm	3.6667*	1.2650	.011
	Variasi Ketebalan 30 cm	-7.6833*	1.2650	.000
Variasi Ketebalan 30 cm	Variasi Ketebalan 10 cm	11.3500*	1.2650	.000
	Variasi Ketebalan 20 cm	7.6833*	1.2650	.000

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

95% Confidence Interval	
Lower Bound	Upper Bound
-6.363	-.970
-14.046	-8.654
.970	6.363
-10.380	-4.987
8.654	14.046
4.987	10.380