

# LAMPIRAN 1. Hasil Analisa Deskriptif Sifat Fungsional Telur Pasteurisasi

## Descriptives

			Statistic	Std. Error
VISK_KNG	Mean		8.8407	.43857
	95% Confidence Interval for Mean	Lower Bound	7.9000	
		Upper Bound	9.7813	
	5% Trimmed Mean		8.7896	
	Median		7.5700	
	Variance		2.885	
	Std. Deviation		1.69856	
	Minimum		7.40	
	Maximum		11.20	
	Range		3.80	
	Interquartile Range		3.0700	
	Skewness		.503	.580
	Kurtosis		-1.953	1.121
	D_EMULSI	Mean		91.2713
95% Confidence Interval for Mean		Lower Bound	88.9468	
		Upper Bound	93.5959	
5% Trimmed Mean			91.4220	
Median			92.3600	
Variance			17.620	
Std. Deviation			4.19765	
Minimum			84.29	
Maximum			95.54	
Range			11.25	
Interquartile Range			6.3600	
Skewness			-.620	.580
Kurtosis			-1.111	1.121
D_BUSA		Mean		916.5873
	95% Confidence Interval for Mean	Lower Bound	877.8998	
		Upper Bound	955.2749	
	5% Trimmed Mean		917.7926	
	Median		937.3100	
	Variance		4880.506	
	Std. Deviation		69.86062	
	Minimum		820.75	
	Maximum		990.73	
	Range		169.98	
	Interquartile Range		140.8400	
	Skewness		-.322	.580
	Kurtosis		-1.898	1.121
	STB_BUSA	Mean		55.7487
95% Confidence Interval for Mean		Lower Bound	52.9736	

	Interval for Mean	Upper Bound	58.5238	
	5% Trimmed Mean		55.7607	
	Median		57.9500	
	Variance		25.112	
	Std. Deviation		5.01117	
	Minimum		48.53	
	Maximum		62.75	
	Range		14.22	
	Interquartile Range		9.0400	
	Skewness		-.347	.580
	Kurtosis		-1.641	1.121
SUHU_AWL	Mean		62.2447	.09617
	95% Confidence Interval for Mean	Lower Bound	62.0384	
		Upper Bound	62.4509	
	5% Trimmed Mean		62.2346	
	Median		62.1700	
	Variance		.139	
	Std. Deviation		.37246	
	Minimum		61.67	
	Maximum		63.00	
	Range		1.33	
	Interquartile Range		.6700	
	Skewness		.525	.580
	Kurtosis		-.455	1.121
SUHU_AKH	Mean		75.2440	.06668
	95% Confidence Interval for Mean	Lower Bound	75.1010	
		Upper Bound	75.3870	
	5% Trimmed Mean		75.2522	
	Median		75.3300	
	Variance		.067	
	Std. Deviation		.25826	
	Minimum		74.67	
	Maximum		75.67	
	Range		1.00	
	Interquartile Range		.3300	
	Skewness		-.356	.580
	Kurtosis		.813	1.121
VISK_PUT	Mean		13.1667	.82116
	95% Confidence Interval for Mean	Lower Bound	11.4055	
		Upper Bound	14.9279	
	5% Trimmed Mean		13.1207	
	Median		11.8300	
	Variance		10.114	
	Std. Deviation		3.18032	
	Minimum		9.83	

Maximum	17.33	
Range	7.50	
Interquartile Range	6.3300	
Skewness	.353	.580
Kurtosis	-1.946	1.121

**Tests of Normality**

	Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
VISK_KNG	.373	15	.000	.698	15	.000
D_EMULSI	.202	15	.102	.847	15	.016
D_BUSA	.222	15	.045	.809	15	.005
STB_BUSA	.238	15	.022	.864	15	.027
SUHU_AWL	.211	15	.071	.930	15	.270
SUHU_AKH	.236	15	.024	.900	15	.095
VISK_PUT	.243	15	.017	.789	15	.003

a. Lilliefors Significance Correction



Descriptives

D\_EMULSI

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
fresh egg	3	95.3100	.20224	.11676	94.8076	95.8124	95.16	95.54
60 - 2,5 menit	3	95.0933	.22855	.13195	94.5256	95.6611	94.83	95.24
60 - 5 menit	3	92.4033	.35698	.20610	91.5166	93.2901	92.07	92.78
65 - 2,5 menit	3	88.9400	.12288	.07095	88.6347	89.2453	88.85	89.08
65 - 5 menit	3	84.6100	.30610	.17673	83.8496	85.3704	84.29	84.90
Total	15	91.2713	4.19765	1.08383	88.9468	93.5959	84.29	95.54

Descriptives

VISK\_KNG

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
fresh egg	3	7.5111	.01925	.01111	7.4633	7.5589	7.50	7.53
60 - 2,5 menit	3	7.5333	.03333	.01925	7.4505	7.6161	7.50	7.57
60 - 5 menit	3	7.5556	.01925	.01111	7.5077	7.6034	7.53	7.57
65 - 2,5 menit	3	10.5233	.05033	.02906	10.3983	10.6484	10.47	10.57
65 - 5 menit	3	11.1467	.06807	.03930	10.9776	11.3158	11.07	11.20
Total	15	8.8540	1.68708	.43560	7.9197	9.7883	7.50	11.20

**Descriptives**

D\_BUSA

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
fresh egg	3	985.8733	4.85500	2.80304	973.8128	997.9338	981.02	990.73
60 - 2,5 menit	3	982.6367	2.80015	1.61667	975.6807	989.5926	981.02	985.87
60 - 5 menit	3	940.5467	5.60607	3.23667	926.6204	954.4729	937.31	947.02
65 - 2,5 menit	3	848.2733	7.41832	4.28297	829.8452	866.7015	840.18	854.75
65 - 5 menit	3	825.6067	4.85500	2.80304	813.5462	837.6672	820.75	830.46
Total	15	916.5873	69.86062	18.03793	877.8998	955.2749	820.75	990.73

**Descriptives**

STB\_BUSA

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
fresh egg	3	60.9133	1.59406	.92033	56.9535	64.8732	59.89	62.75
60 - 2,5 menit	3	59.4800	1.19662	.69087	56.5074	62.4526	58.13	60.41
60 - 5 menit	3	58.1800	.80019	.46199	56.1922	60.1678	57.52	59.07
65 - 2,5 menit	3	51.3400	.43555	.25146	50.2580	52.4220	50.86	51.71
65 - 5 menit	3	48.8300	.51098	.29501	47.5607	50.0993	48.53	49.42
Total	15	55.7487	5.01117	1.29388	52.9736	58.5238	48.53	62.75

Descriptives

SUHU\_AWL

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					fresh egg	3		
60 - 2,5 menit	3	62.1100	.19053	.11000	61.6367	62.5833	62.00	62.33
60 - 5 menit	3	62.0000	.33000	.19053	61.1802	62.8198	61.67	62.33
65 - 2,5 menit	3	62.3333	.33501	.19342	61.5011	63.1656	62.00	62.67
65 - 5 menit	3	62.7800	.19053	.11000	62.3067	63.2533	62.67	63.00
Total	15	62.2447	.37246	.09617	62.0384	62.4509	61.67	63.00

Descriptives

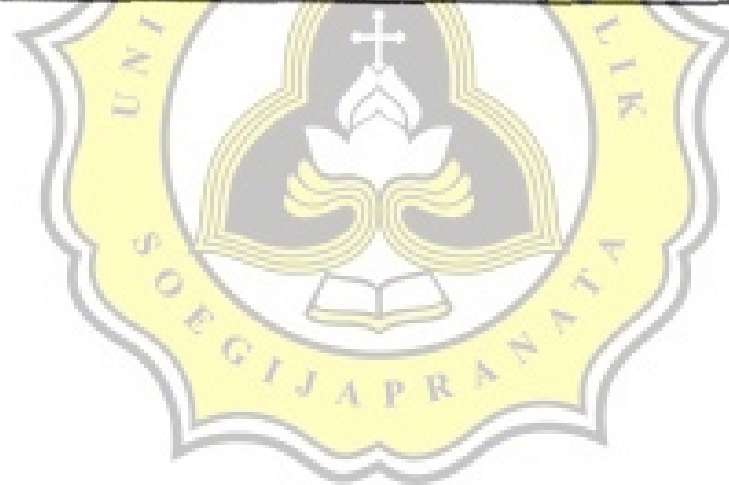
SUHU\_AKH

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					fresh egg	3		
60 - 2,5 menit	3	75.2767	.09238	.05333	75.0472	75.5061	75.17	75.33
60 - 5 menit	3	75.2200	.19053	.11000	74.7467	75.6933	75.00	75.33
65 - 2,5 menit	3	75.3333	.33501	.19342	74.5011	76.1656	75.00	75.67
65 - 5 menit	3	75.4433	.19630	.11333	74.9557	75.9310	75.33	75.67
Total	15	75.2440	.25826	.06668	75.1010	75.3870	74.67	75.67

Descriptives

VISK\_PUT

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
fresh egg	3	10.0567	.19630	.11333	9.5690	10.5443	9.83	10.17
60 - 2,5 menit	3	10.2767	.25423	.14678	9.6451	10.9082	10.00	10.50
60 - 5 menit	3	11.8333	.16503	.09528	11.4234	12.2433	11.67	12.00
65 - 2,5 menit	3	16.3900	.19053	.11000	15.9167	16.8633	16.17	16.50
65 - 5 menit	3	17.2767	.09238	.05333	17.0472	17.5061	17.17	17.33
Total	15	13.1667	3.18032	.82116	11.4055	14.9279	9.83	17.33



## LAMPIRAN 2. Hasil Analisa Statistik Non Parametrik Indeks Emulsi

### Kruskal-Wallis Test

Test Statistics<sup>a,b</sup>

	D EMULSI
Chi-Square	12.900
df	4
Asymp. Sig.	.012

a. Kruskal Wallis Test

b. Grouping Variable: PERL

### NPar Tests

#### Mann-Whitney Test

fresh egg - 60°C; 2,5 menit

Test Statistics<sup>b</sup>

	D EMULSI
Mann-Whitney U	3.000
Wilcoxon W	9.000
Z	-.655
Asymp. Sig. (2-tailed)	.513
Exact Sig. [2*(1-tailed Sig.)]	.700 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

fresh egg - 60°C; 5 menit

Test Statistics<sup>b</sup>

	D EMULSI
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**fresh egg - 65°C; 2,5 menit**

Test Statistics<sup>b</sup>

	D EMULSI
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

**fresh egg - 65°C; 5 menit**

Test Statistics<sup>b</sup>

	D EMULSI
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

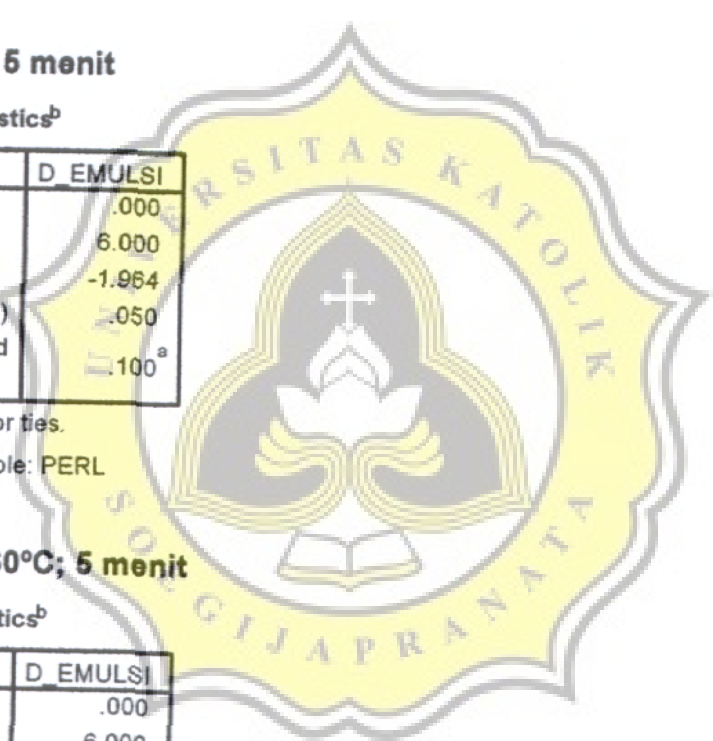
**60°C; 2,5 menit - 60°C; 5 menit**

Test Statistics<sup>b</sup>

	D EMULSI
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**60°C; 2,5 menit - 65°C; 2,5 menit**

**Test Statistics<sup>b</sup>**

	D EMULSI
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

**60°C; 2,5 menit - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	D EMULSI
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

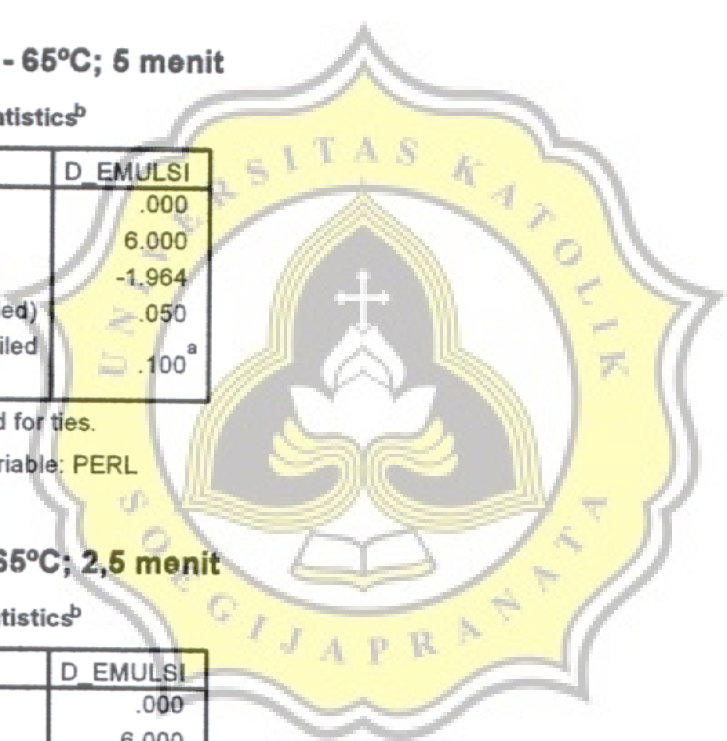
**60°C; 5 menit - 65°C; 2,5 menit**

**Test Statistics<sup>b</sup>**

	D EMULSI
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**60°C; 5 menit - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	D EMULSI
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

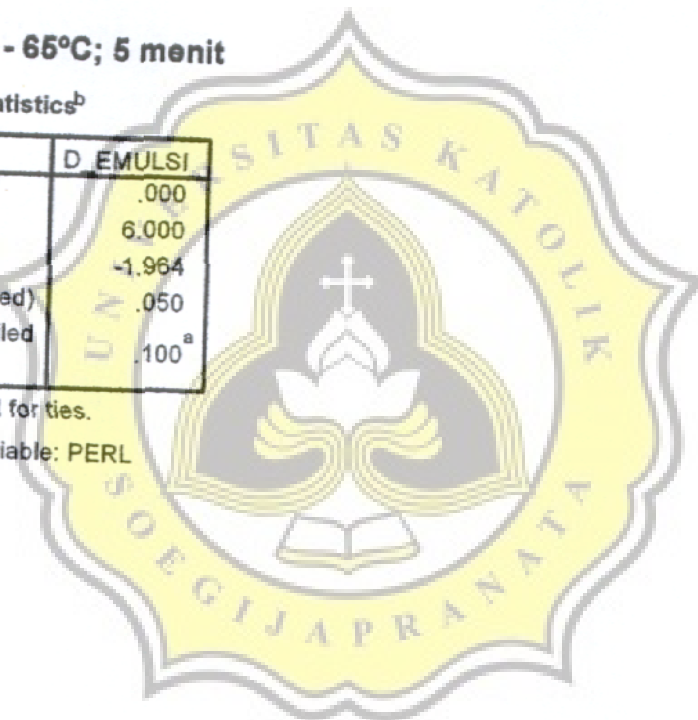
**65°C; 2,5 menit - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	D EMULSI
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



### LAMPIRAN 3. Hasil Analisa Statistik Non Parametrik Daya Busa

#### Kruskal-Wallis Test

Test Statistics<sup>a,b</sup>

	D_BUSA
Chi-Square	13.099
df	4
Asymp. Sig.	.011

- a. Kruskal Wallis Test  
b. Grouping Variable: PERL

#### NPar Tests Mann-Whitney Test

##### fresh egg - 60°C; 2,5 menit

Test Statistics<sup>b</sup>

	D_BUSA
Mann-Whitney U	2.500
Wilcoxon W	8.500
Z	-.943
Asymp. Sig. (2-tailed)	.346
Exact Sig. [2*(1-tailed Sig.)]	.400 <sup>a</sup>

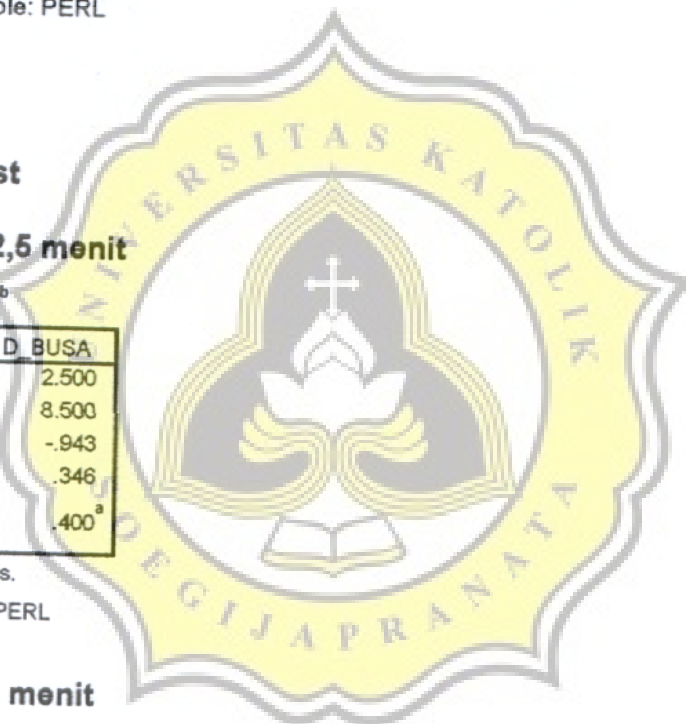
- a. Not corrected for ties.  
b. Grouping Variable: PERL

##### fresh egg - 60°C; 5 menit

Test Statistics<sup>b</sup>

	D_BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

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



**fresh egg - 65°C; 2,5 menit**

Test Statistics<sup>b</sup>

	D BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

**fresh egg - 65°C; 5 menit**

Test Statistics<sup>b</sup>

	D BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

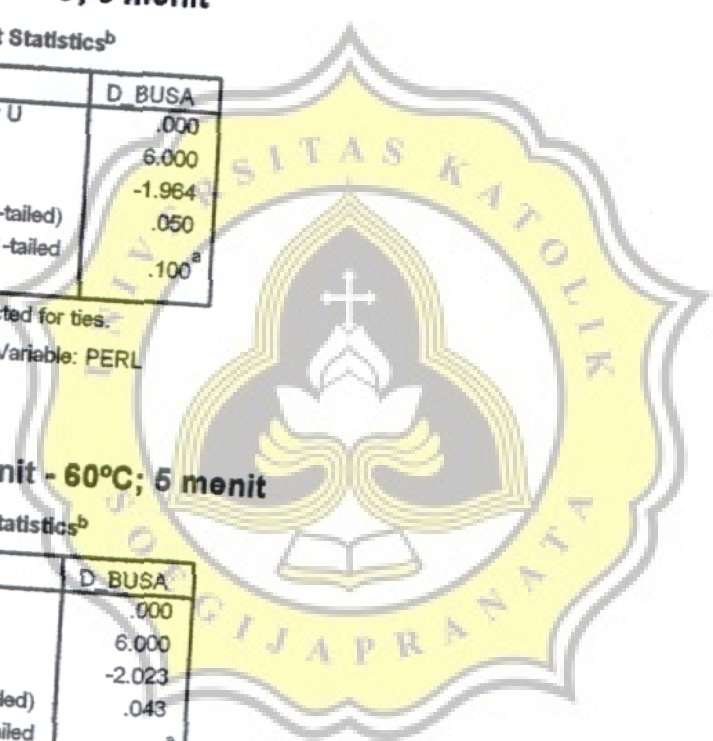
**60°C; 2,5 menit - 60°C; 5 menit**

Test Statistics<sup>b</sup>

	D BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-2.023
Asymp. Sig. (2-tailed)	.043
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**60°C; 2,5 menit - 65°C; 2,5 menit**

Test Statistics<sup>b</sup>

	D_BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

**60°C; 2,5 menit - 65°C; 5 menit**

Test Statistics<sup>b</sup>

	D_BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

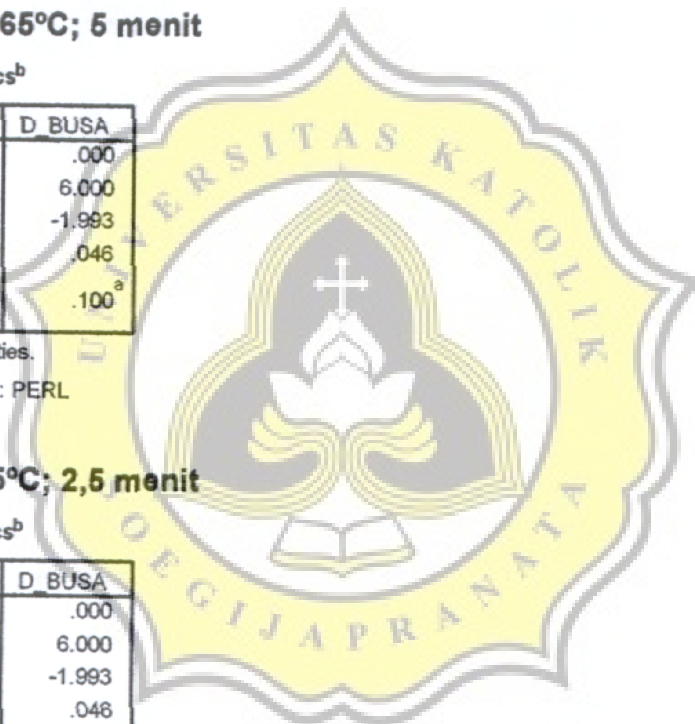
**60°C; 5 menit - 65°C; 2,5 menit**

Test Statistics<sup>b</sup>

	D_BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**60°C; 5 menit - 65°C; 5 menit**

Test Statistics<sup>b</sup>

	D_BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

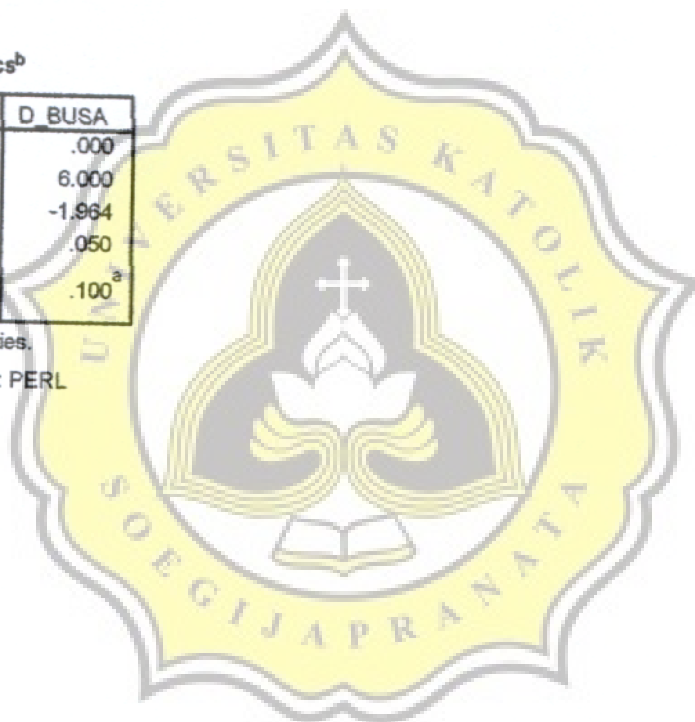
**65°C; 2,5 menit - 65°C; 5 menit**

Test Statistics<sup>b</sup>

	D_BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



## LAMPIRAN 4. Hasil Analisa Statistik Non Parametrik Stabilitas Busa

### Kruskal-Wallis Test

Test Statistics<sup>a,b</sup>

	STB BUSA
Chi-Square	12.533
df	4
Asymp. Sig.	.014

- a. Kruskal Wallis Test  
b. Grouping Variable: PERL

### NPar Tests

#### Mann-Whitney Test

##### fresh egg - 60°C; 2,5 menit

Test Statistics<sup>b</sup>

	STB BUSA
Mann-Whitney U	3.000
Wilcoxon W	9.000
Z	-.655
Asymp. Sig. (2-tailed)	.513
Exact Sig. [2*(1-tailed Sig.)]	.700 <sup>a</sup>

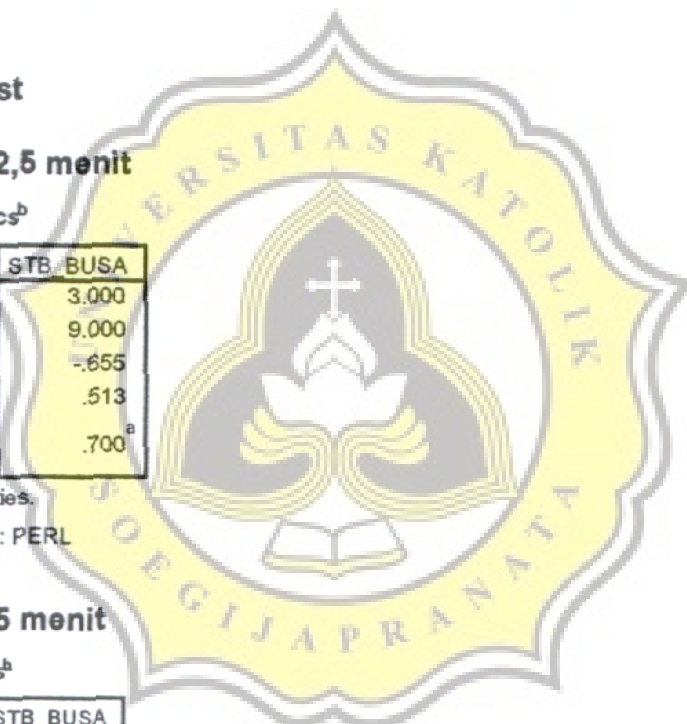
- a. Not corrected for ties.  
b. Grouping Variable: PERL

##### fresh egg - 60°C; 5 menit

Test Statistics<sup>b</sup>

	STB BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

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





**fresh egg - 65°C; 2,5 menit**

Test Statistics<sup>b</sup>

	STB BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

**fresh egg - 65°C; 5 menit**

Test Statistics<sup>b</sup>

	STB BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

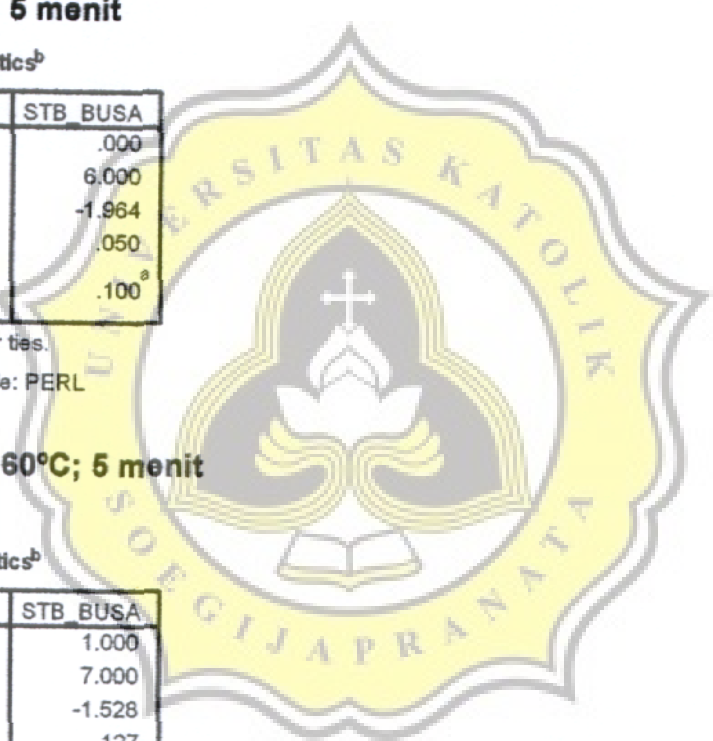
**60°C; 2,5 menit - 60°C; 5 menit**

Test Statistics<sup>b</sup>

	STB BUSA
Mann-Whitney U	1.000
Wilcoxon W	7.000
Z	-1.528
Asymp. Sig. (2-tailed)	.127
Exact Sig. [2*(1-tailed Sig.)]	.200 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



60°C; 2,5 menit - 65°C; 2,5 menit

Test Statistics<sup>b</sup>

	STB_BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

60°C; 2,5 menit - 65°C; 5 menit

Test Statistics<sup>b</sup>

	STB_BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

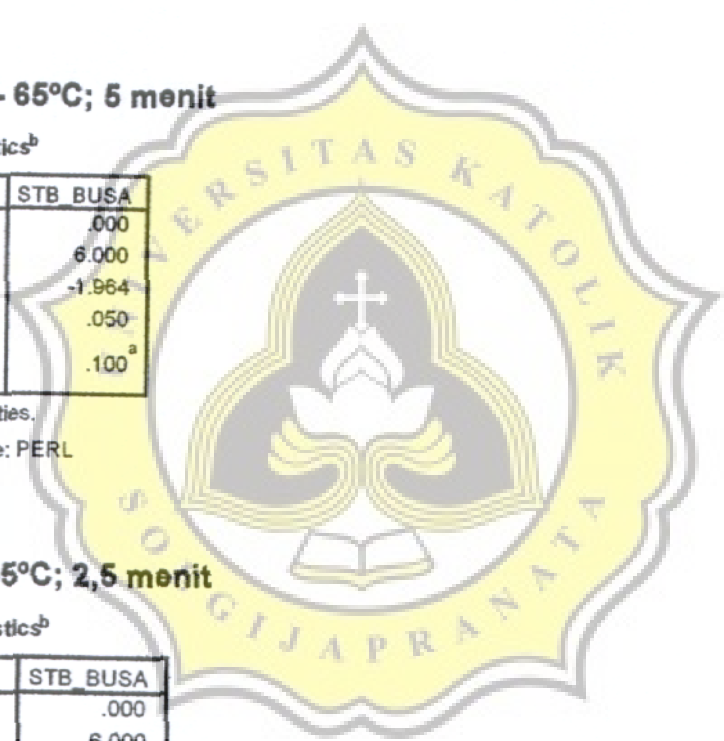
60°C; 5 menit - 65°C; 2,5 menit

Test Statistics<sup>b</sup>

	STB_BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**60°C; 5 menit - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	STB BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

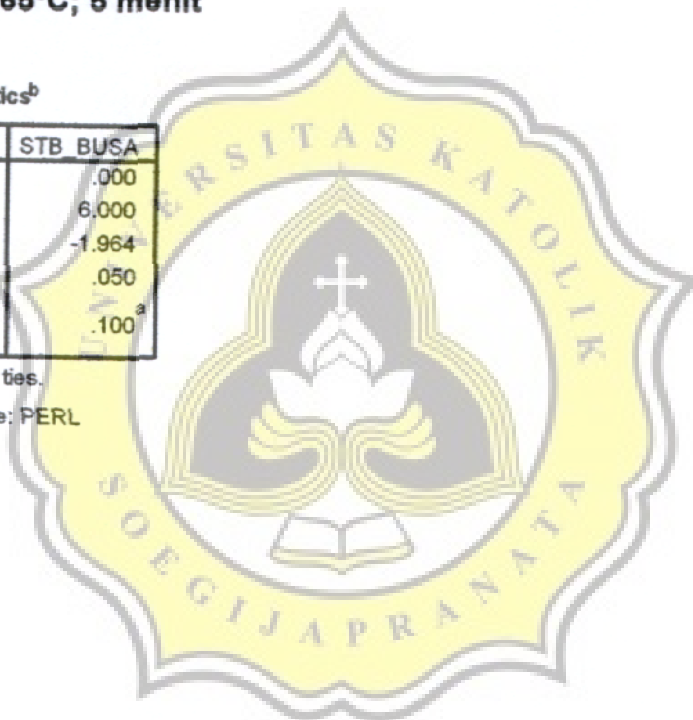
**65°C; 2,5 menit - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	STB BUSA
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**LAMPIRAN 5. Hasil Analisa Statistik Non Parametrik Viskositas Putih Telur**

**Kruskal-Wallis Test**

Test Statistics<sup>a,b</sup>

	VISK PUT
Chi-Square	13.104
df	4
Asymp. Sig.	.011

a. Kruskal Wallis Test

b. Grouping Variable: PERL

**NPar Tests**

**Mann-Whitney Test**

**fresh egg - 60°C; 2,5 menit**

Test Statistics<sup>b</sup>

	VISK PUT
Mann-Whitney U	2.000
Wilcoxon W	8.000
Z	-1.107
Asymp. Sig. (2-tailed)	.268
Exact Sig. [2*(1-tailed Sig.)]	.400 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

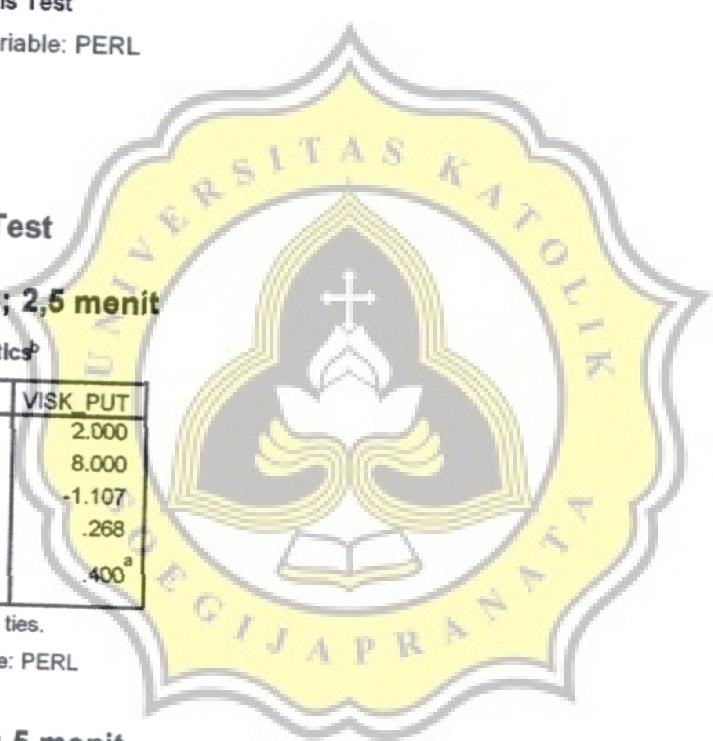
**fresh egg - 60°C; 5 menit**

Test Statistics<sup>b</sup>

	VISK PUT
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**fresh egg - 65°C; 2,5 menit**

**Test Statistics<sup>b</sup>**

	VISK PUT
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-2.023
Asymp. Sig. (2-tailed)	.043
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

**fresh egg - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	VISK PUT
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-2.023
Asymp. Sig. (2-tailed)	.043
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

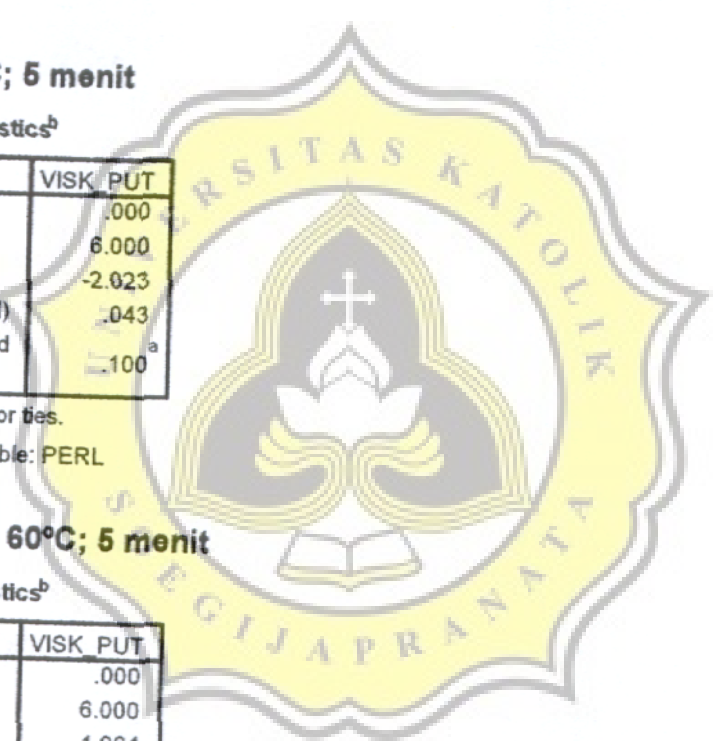
**60°C; 2,5 menit - 60°C; 5 menit**

**Test Statistics<sup>b</sup>**

	VISK PUT
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**60°C; 2,5 menit - 65°C; 2,5 menit**

Test Statistics<sup>b</sup>

	VISK_PUT
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

**60°C; 2,5 menit - 65°C; 5 menit**

Test Statistics<sup>b</sup>

	VISK_PUT
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

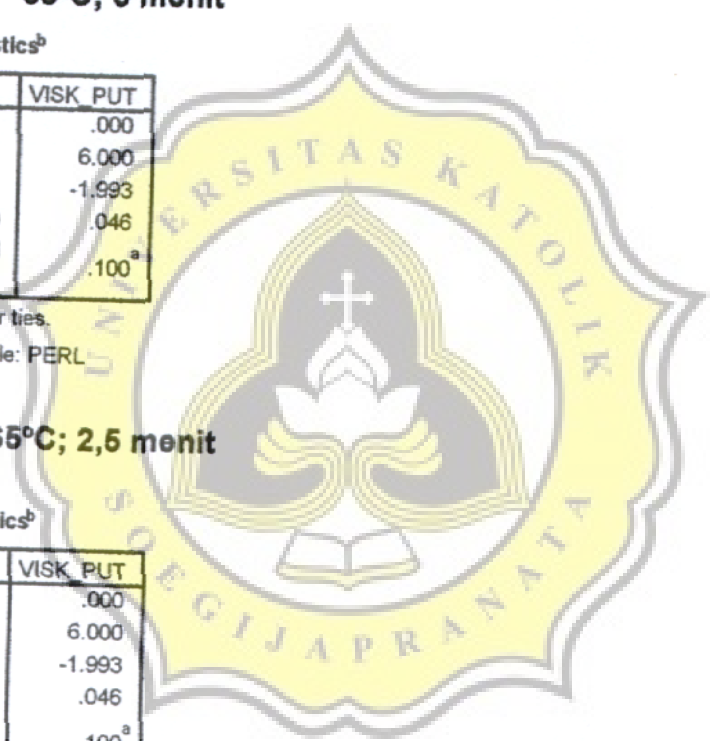
**60°C; 5 menit - 65°C; 2,5 menit**

Test Statistics<sup>b</sup>

	VISK_PUT
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



## LAMPIRAN 6. Hasil Analisa Statistik Non Parametrik Viskositas Kuning Telur

### Kruskal-Wallis Test

Test Statistics<sup>a,b</sup>

	VISK_KNG
Chi-Square	12.263
df	4
Asymp. Sig.	.016

a. Kruskal Wallis Test

b. Grouping Variable: PERL

### NPar Tests

#### Mann-Whitney Test

fresh egg - 60°C; 2,5 menit

Test Statistics<sup>b</sup>

	VISK_KNG
Mann-Whitney U	2.500
Wilcoxon W	8.500
Z	-.943
Asymp. Sig. (2-tailed)	.346
Exact Sig. [2*(1-tailed Sig.)]	.400 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

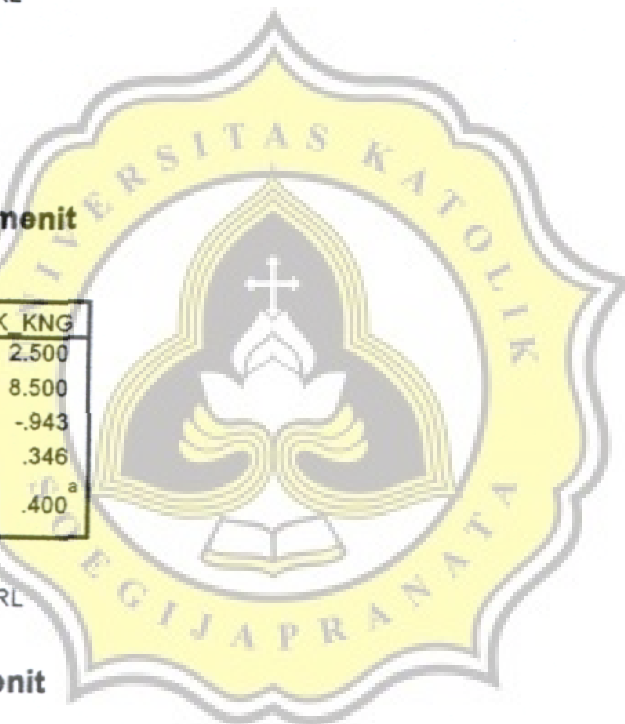
fresh egg - 60°C; 5 menit

Test Statistics<sup>b</sup>

	VISK_KNG
Mann-Whitney U	.500
Wilcoxon W	6.500
Z	-1.826
Asymp. Sig. (2-tailed)	.068
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**fresh egg - 65°C; 2,5 menit**

**Test Statistics<sup>b</sup>**

	VISK_KNG
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

**fresh egg - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	VISK_KNG
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

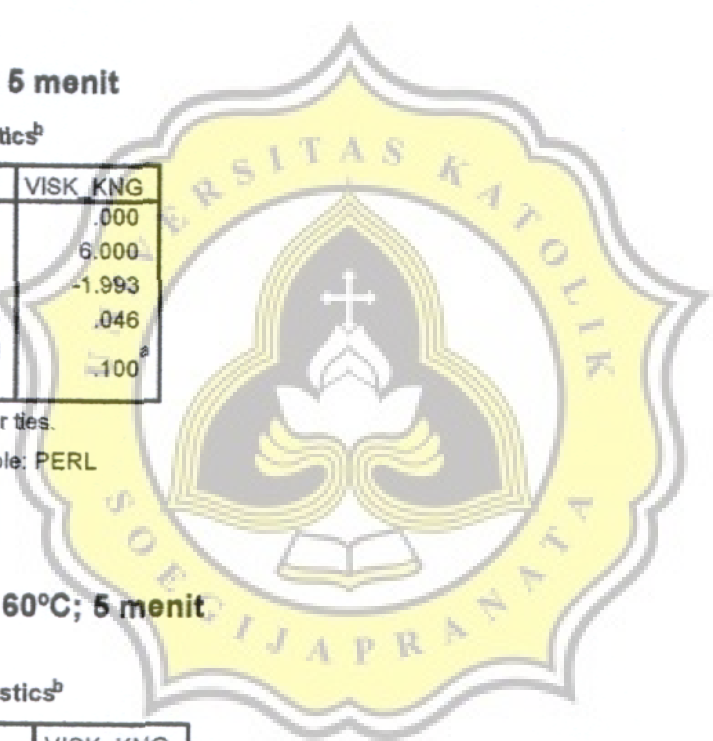
**60°C; 2,5 menit - 60°C; 5 menit**

**Test Statistics<sup>b</sup>**

	VISK_KNG
Mann-Whitney U	2.500
Wilcoxon W	8.500
Z	-.943
Asymp. Sig. (2-tailed)	.346
Exact Sig. [2*(1-tailed Sig.)]	.400 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL





**60°C; 2,5 menit - 65°C; 2,5 menit**

**Test Statistics<sup>b</sup>**

	VISK_KNG
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

**60°C; 2,5 menit - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	VISK_KNG
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

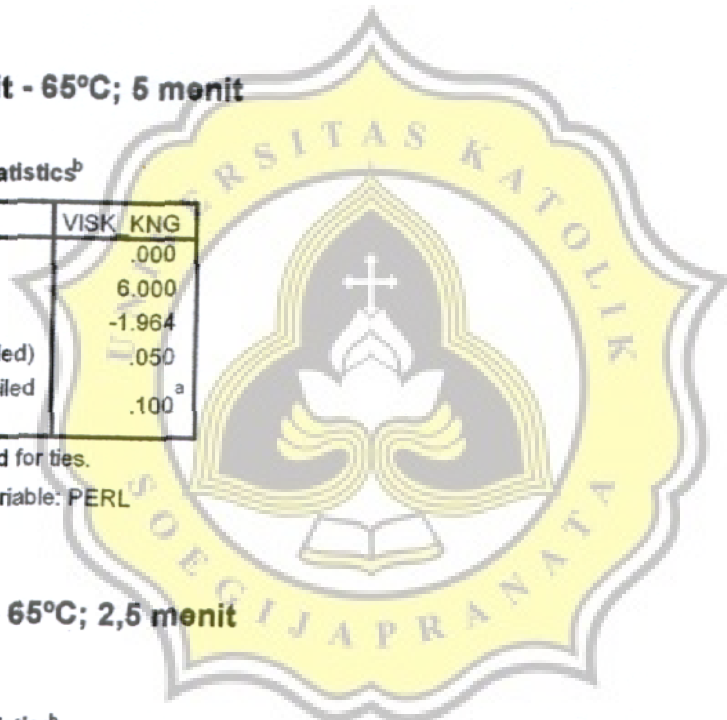
**60°C; 5 menit - 65°C; 2,5 menit**

**Test Statistics<sup>b</sup>**

	VISK_KNG
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**60°C; 5 menit - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	VISK_KNG
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.993
Asymp. Sig. (2-tailed)	.046
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL

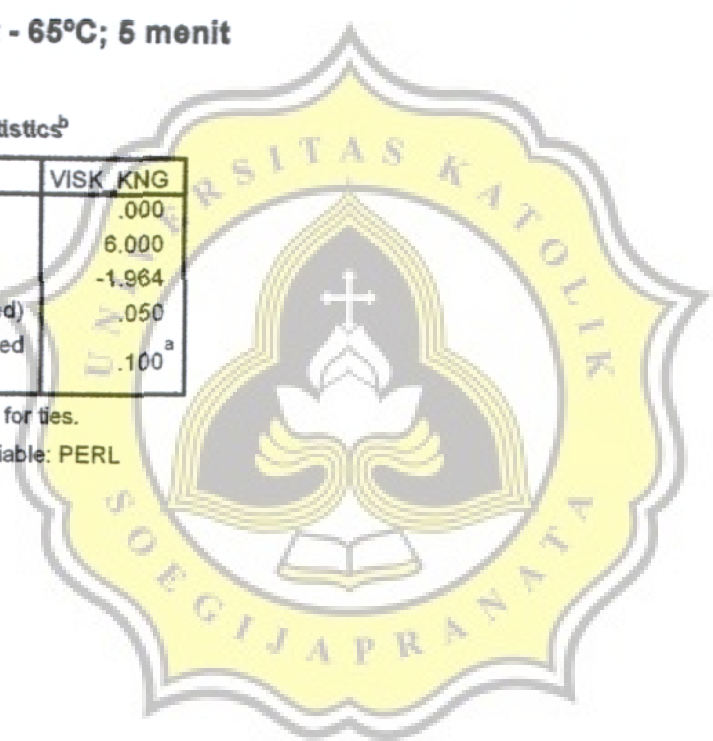
**65°C; 2,5 menit - 65°C; 5 menit**

**Test Statistics<sup>b</sup>**

	VISK_KNG
Mann-Whitney U	.000
Wilcoxon W	6.000
Z	-1.964
Asymp. Sig. (2-tailed)	.050
Exact Sig. [2*(1-tailed Sig.)]	.100 <sup>a</sup>

a. Not corrected for ties.

b. Grouping Variable: PERL



**LAMPIRAN 7. Hasil Analisa Statistik Parametrik Suhu Awal Koagulasi Putih Telur**

**ANOVA**

SUHU\_AWL

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.297	4	.324	5.025	.018
Within Groups	.645	10	.065		
Total	1.942	14			

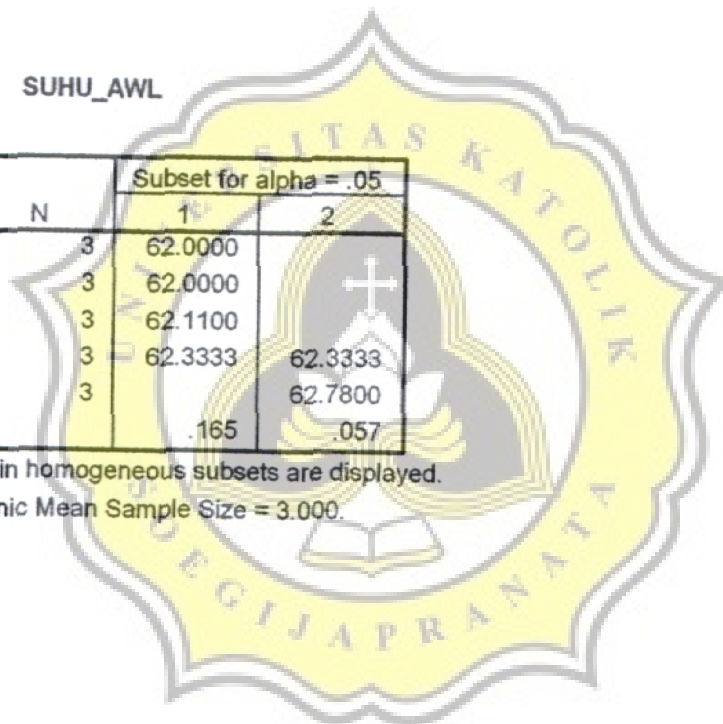
SUHU\_AWL

Duncan<sup>a</sup>

PERL	N	Subset for alpha = .05	
		1	2
fresh egg	3	62.0000	
60 - 5 menit	3	62.0000	
60 - 2,5 menit	3	62.1100	
65 - 2,5 menit	3	62.3333	62.3333
65 - 5 menit	3		62.7800
Sig.		.165	.057

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.



**LAMPIRAN 8. Hasil Analisa Statistik Parametrik Suhu Akhir Koagulasi Putih Telur**

**ANOVA**

SUHU\_AKH

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	.413	4	.103	1.985	.173
Within Groups	.520	10	.052		
Total	.934	14			

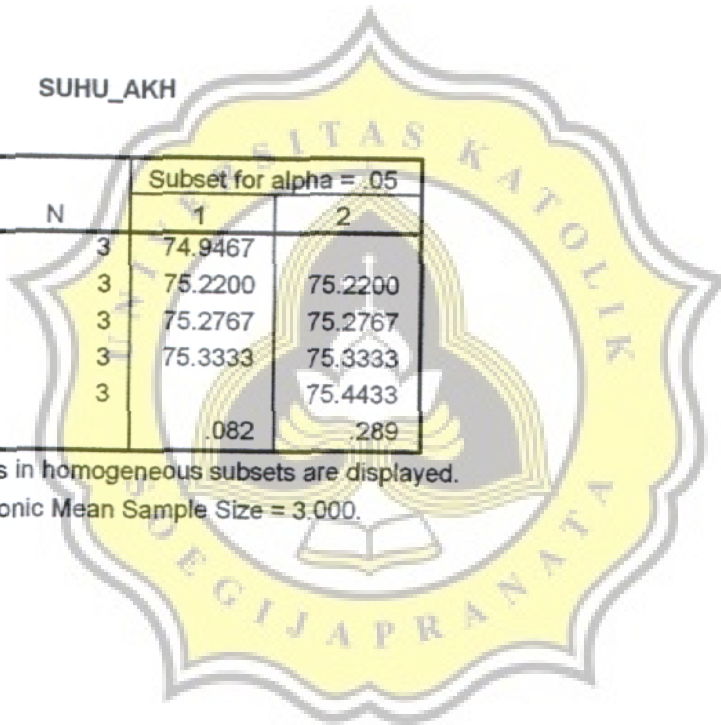
SUHU\_AKH

Duncan<sup>a</sup>

PERL	N	Subset for alpha = .05	
		1	2
fresh egg	3	74.9467	
60 - 5 menit	3	75.2200	75.2200
60 - 2,5 menit	3	75.2767	75.2767
65 - 2,5 menit	3	75.3333	75.3333
65 - 5 menit	3		75.4433
Sig.		.082	.289

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.



**LAMPIRAN 9. Hasil Analisa Mutu Telur**

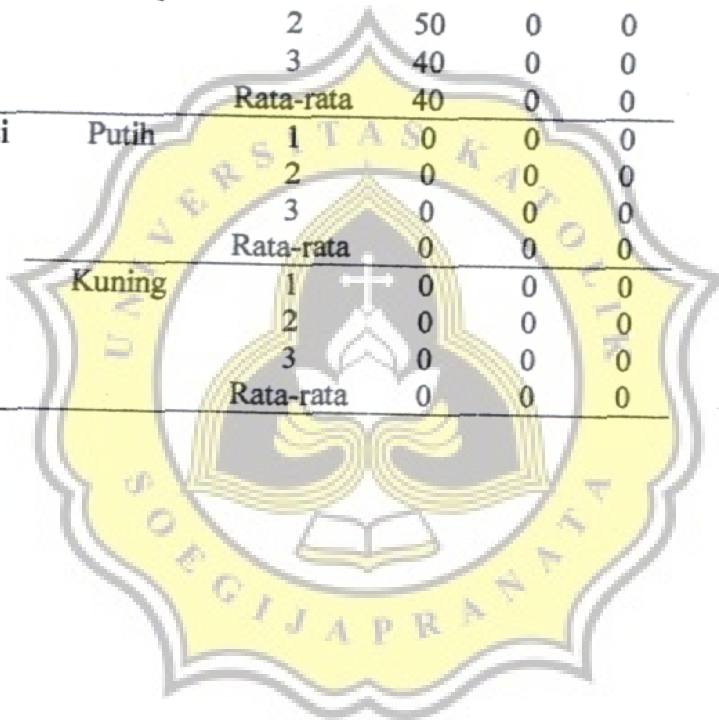
No	Putih Telur						Kuning Telur						Kantung Udara (mm)
	Kejernihan	Kekentalan	Tinggi (mm)	Lebar (mm)	Indeks Putih	HU	Batas	Keberadaan	Bercak	Tinggi (mm)	Lebar (mm)	Indeks Kuning	
1	Jernih	Kental	6.90	63.20	0.11	99.62	Jelas	Ditengah	Tidak ada	16.40	37.50	0.44	2.90
2	Jernih	Kental	6.40	68.50	0.09	97.39	Jelas	Ditengah	Tidak ada	17.50	38.70	0.45	2.70
3	Jernih	Kental	6.30	68.10	0.09	96.94	Jelas	Ditengah	Tidak ada	17.70	37.60	0.47	3.00
4	Jernih	Kental	6.30	78.80	0.08	96.94	Jelas	Ditengah	Tidak ada	17.60	37.40	0.47	2.70
5	Jernih	Kental	6.80	63.10	0.11	99.19	Jelas	Ditengah	Tidak ada	18.30	36.50	0.50	2.80
6	Jernih	Kental	6.40	71.30	0.09	97.49	Jelas	Ditengah	Tidak ada	17.60	35.70	0.49	2.60
7	Jernih	Kental	6.60	70.10	0.09	98.27	Jelas	Ditengah	Tidak ada	17.70	36.30	0.49	2.80
8	Jernih	Kental	6.20	70.50	0.09	96.46	Jelas	Ditengah	Tidak ada	17.60	36.50	0.48	2.80
9	Jernih	Kental	5.90	70.60	0.08	94.91	Jelas	Ditengah	Tidak ada	17.80	36.70	0.49	2.70
10	Jernih	Kental	6.10	70.20	0.09	95.98	Jelas	Ditengah	Tidak ada	16.60	36.50	0.45	2.60
11	Jernih	Kental	5.80	66.10	0.09	94.61	Jelas	Ditengah	Tidak ada	16.40	36.40	0.45	2.90
12	Jernih	Kental	6.10	68.30	0.09	95.95	Jelas	Ditengah	Tidak ada	17.60	35.90	0.49	3.00
13	Jernih	Kental	6.40	66.30	0.10	97.44	Jelas	Ditengah	Tidak ada	17.30	36.20	0.48	3.00
14	Jernih	Kental	6.70	77.30	0.09	98.74	Jelas	Ditengah	Tidak ada	16.70	33.30	0.50	3.00
15	Jernih	Kental	6.50	71.80	0.09	97.86	Jelas	Ditengah	Tidak ada	16.10	38.60	0.42	2.90
16	Jernih	Kental	6.30	68.90	0.09	96.97	Jelas	Ditengah	Tidak ada	16.50	33.90	0.49	3.10
17	Jernih	Kental	6.70	77.80	0.09	98.80	Jelas	Ditengah	Tidak ada	16.40	33.40	0.49	2.90
18	Jernih	Kental	6.80	75.60	0.09	99.22	Jelas	Ditengah	Tidak ada	17.50	35.60	0.49	2.80
19	Jernih	Kental	6.50	68.50	0.09	97.90	Jelas	Ditengah	Tidak ada	16.90	34.50	0.49	2.60
20	Jernih	Kental	5.80	71.30	0.08	94.51	Jelas	Ditengah	Tidak ada	16.80	33.70	0.50	2.90
21	Jernih	Kental	5.70	72.20	0.08	94.12	Jelas	Ditengah	Tidak ada	16.50	33.50	0.49	2.70
22	Jernih	Kental	5.70	74.30	0.08	94.02	Jelas	Ditengah	Tidak ada	16.30	33.40	0.49	2.60
23	Jernih	Kental	5.80	69.30	0.08	94.53	Jelas	Ditengah	Tidak ada	16.30	35.30	0.46	2.70
24	Jernih	Kental	5.60	68.10	0.08	93.54	Jelas	Ditengah	Tidak ada	17.90	36.80	0.49	2.80
Rata-rata			6.26	70.43	0.09	96.72				17.08	35.83	0.48	2.81

No	Keutuhan	Bentuk	Kebersihan
1	Utuh	Normal	Bersih
2	Utuh	Normal	Bersih
3	Utuh	Normal	Bersih
4	Utuh	Normal	Bersih
5	Utuh	Normal	Bersih
6	Utuh	Normal	Bersih
7	Utuh	Normal	Bersih
8	Utuh	Normal	Bersih
9	Utuh	Normal	Bersih
10	Utuh	Normal	Bersih
11	Utuh	Normal	Bersih
12	Utuh	Normal	Bersih
13	Utuh	Normal	Bersih
14	Utuh	Normal	Bersih
15	Utuh	Normal	Bersih
16	Utuh	Normal	Bersih
17	Utuh	Normal	Bersih
18	Utuh	Normal	Bersih
19	Utuh	Normal	Bersih
20	Utuh	Normal	Bersih
21	Utuh	Normal	Bersih
22	Utuh	Normal	Bersih
23	Utuh	Normal	Bersih
24	Utuh	Normal	Bersih

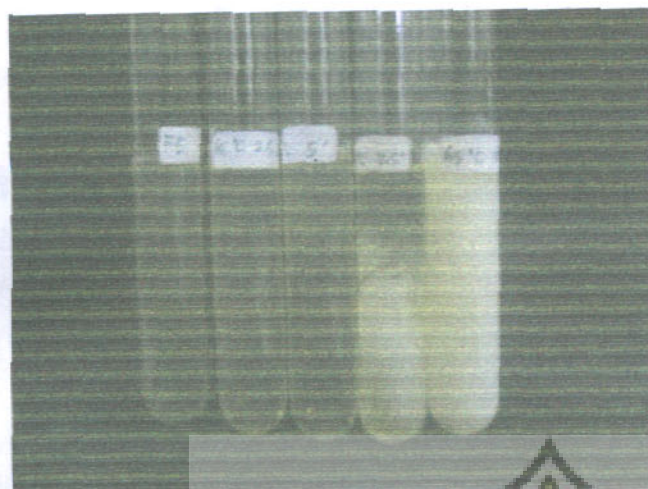


LAMPIRAN 10. Hasil Analisa Mikrobiologi

Perlakuan	Ulangan	Jumlah koloni (CFU)			
		10 <sup>-1</sup>	10 <sup>-2</sup>	10 <sup>-3</sup>	
Telur Segar	Putih	1	20	0	0
		2	30	0	0
		3	30	0	0
		Rata-rata	26	0	0
	Kuning	1	30	0	0
		2	50	0	0
		3	40	0	0
Rata-rata	40	0	0		
Telur Pasteurisasi Suhu 60 °C; 2,5 menit	Putih	1	0	0	0
		2	0	0	0
		3	0	0	0
		Rata-rata	0	0	0
	Kuning	1	0	0	0
		2	0	0	0
		3	0	0	0
Rata-rata	0	0	0		



**LAMPIRAN 11. Gambar Telur Ayam Pasteurisasi**



Gambar Putih Telur Pasteurisasi



Gambar Kuning Telur Pasteurisasi