Perpustakaan Unika

Lampiran 1. Lembar Kuisioner

LEMBAR KUISIONER

Nama :

Jenis kelamin :

Umur :

Tanggal Pengujian :

Dihadapan Anda telah tersedia tiga buah sampel udang mentah, Anda diminta untuk mengisi tabel dibawah ini yang sesuai dengan parameter yang diberikan menurut Anda.

Kode Sampel	Warna	Aroma	Tekstur	*Overall*
315				
739				
581				

Keterangan :

Warna 1. sangat putih sekali
2. putih
3. putih kemerahan
4. merah
5. sangat merah sekali

Aroma 1. sangat segar
2. segar
3. kurang segar
4. busuk
5. sangat busuk

Tekstur : 1. sangat elastis sekali
2. elastis
3. kurang elastis
4. lunak
5.sangat lunak sekali

Overall : 1. sangat suka sekali
2. suka
3. kurang suka
4. tidak suka
5. sangat tidak suka sekali

Perpustakaan Unika

Lampiran 2. Perhitungan Residu Klorin

Penyimpanan Hari Ke-	Ulangan	Titrasi Sampel (A) ml	Titrasi Blanko (B) ml	Residu Klorin Terbaca (x) mg/L	Residu Klorin (y) mg/L
0	1	0.4	0.3	4.963	13.218
0	2	0.5	0.3	5.672	14.011
0	3	0.4	0.3	4.963	13.218
0	4	0.3	0.3	4.254	12.425
0	5	0.5	0.3	5.672	14.011
0	6	0.4	0.3	4.963	13.218
1	1	0.3	0.2	3.545	11.632
1	2	0.3	0.2	3.545	11.632
1	3	0.2	0.2	2.836	10.839
1	4	0.2	0.2	2.836	10.839
1	5	0.2	0.2	2.836	10.839
1	6	0.1	0.2	2.127	10.046
2	1	0.2	0.2	2.836	10.839
2	2	0.2	0.2	2.836	10.839
2	3	0.1	0.2	2.127	10.046
2	4	0.3	0.2	3.545	11.632
2	5	0.3	0.2	3.545	11.632
2	6	0.2	0.2	2.836	10.839
3	1	0.2	0.2	2.836	10.839
3	2	0.3	0.2	3.545	11.632
3	3	0.2	0.2	2.836	10.839
3	4	0.1	0.2	2.127	10.046
3	5	0.1	0.2	2.127	10.046
3	6	0.2	0.2	2.836	10.839
4	1	0.2	0.2	2.836	10.839
4	2	0.2	0.2	2.836	10.839
4	3	0.1	0.2	2.127	10.046
4	4	0.1	0.2	2.127	10.046
4	5	0.3	0.2	3.545	11.632
4	6	0.1	0.2	2.127	10.046
5	1	0.3	0.2	3.545	11.632
5	2	0.1	0.2	2.127	10.046
5	3	0.1	0.2	2.127	10.046
5	4	0.1	0.2	2.127	10.046
5	5	0.2	0.2	2.836	10.839
5	6	0.3	0.2	3.545	11.632
6	1	0.2	0.2	2.836	10.839
6	2	0.1	0.2	2.127	10.046
6	3	0.1	0.2	2.127	10.046

Perpustakaan Unika

6	4	0.1	0.2	2.127	10.046
6	5	0.3	0.2	3.545	11.632
6	6	0.2	0.2	2.836	10.839
7	1	0.2	0.2	2.836	10.839
7	2	0.1	0.2	2.127	10.046
7	3	0.3	0.2	3.545	11.632
7	4	0.1	0.2	2.127	10.046
7	5	0.2	0.2	2.836	10.839
7	6	0.2	0.2	2.836	10.839
8	1	0.1	0.2	2.127	10.046
8	2	0.2	0.2	2.836	10.839
8	3	0.3	0.2	3.545	11.632
8	4	0.2	0.2	2.836	10.839
8	5	0.2	0.2	2.836	10.839
8	6	0.1	0.2	2.127	10.046
9	1	0.2	0.2	2.836	10.839
9	2	0.3	0.2	3.545	11.632
9	3	0.1	0.2	2.127	10.046
9	4	0.1	0.2	2.127	10.046
9	5	0.2	0.2	2.836	10.839
9	6	0.1	0.2	2.127	10.046

Keterangan :
Residu Klorin Terbaca = x mg/L
Residu Klorin = y mg/L

Residu Klorin Terbaca (x) → mg Cl sebagai Cl_2/L $= \dfrac{(A \pm B) \times N \times 35450}{\text{ml sampel}}$

Keterangan

A = ml titrasi sampel

B = ml titrasi blanko (positif atau negatif)

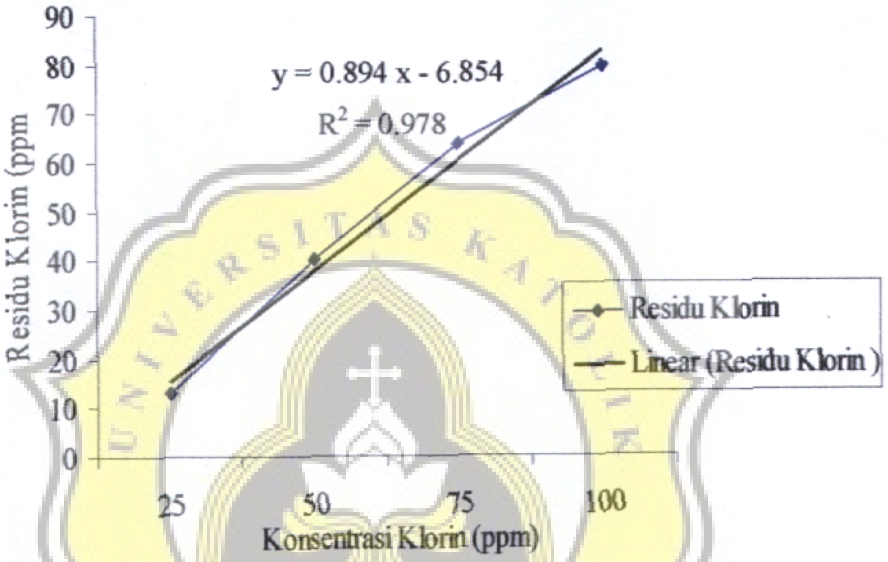
N = Normalitas $Na_2S_2O_3$

Residu Klorin (y) → y = 0.894 x - 6.854

Perpustakaan Unika

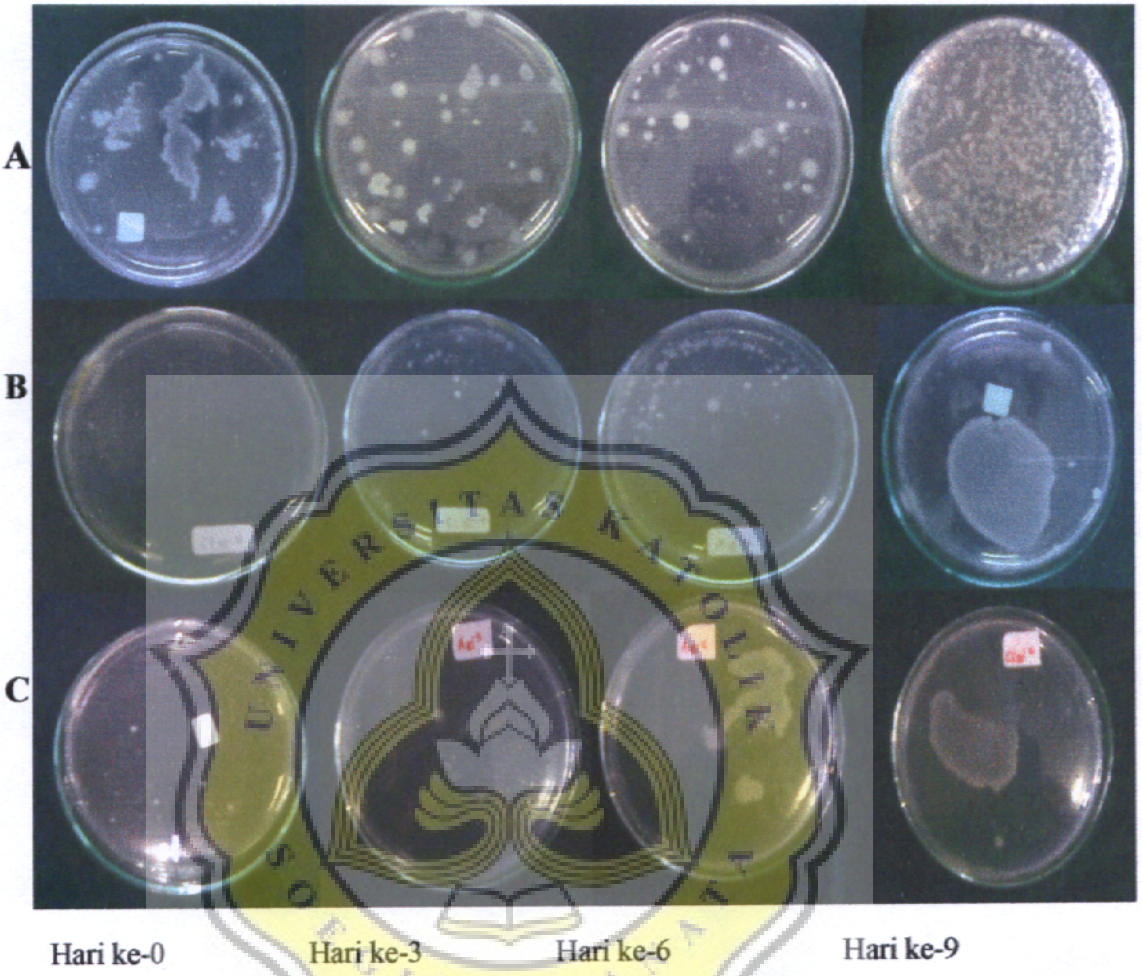
Lampiran 3. Kurva Standar Larutan Klorin

Konsentrasi Klorin (ppm)	Residu Klorin (ppm)
25	12.998 ± 2.166
50	39.940 ± 2.684
75	63.574 ± 1.637
100	79.644 ± 4.980



Perpustakaan Unika

Lampiran 4. Efektivitas Antibakteria pada Berbagai Perlakuan Pencucian pada Udang Putih Segar.



Keterangan :
Hasil *total plate count*

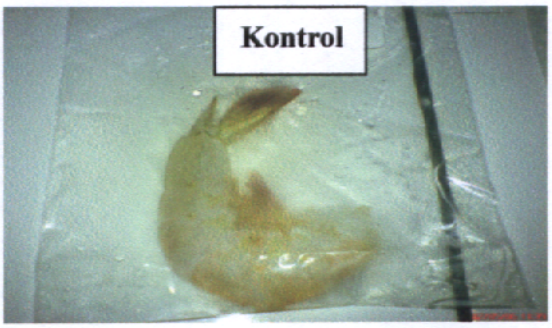
A : hasil *plate count* pencucian udang dengan menggunakan aquadest

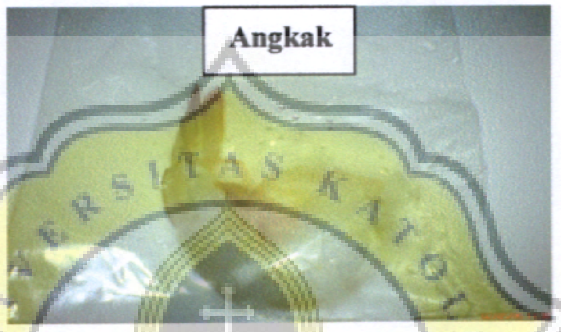
B : hasil *plate count* pencucian udang utuh (*whole*) dengan larutan klorin 100 ppm dan pencucian udang setelah pemotongan kepala (*headless*) dengan larutan klorin 50 ppm.

C : hasil *plate count* pencucian udang utuh (*whole*) dengan ekstrak angkak 8000 ppm dan pencucian udang setelah pemotongan kepala (*headless*) dengan ekstrak angkak 4000 ppm.

Perpustakaan Unika

Lampiran 5. Sampel Udang Putih (*Penaeus merguensis*) segar pada Berbagai Perlakuan





Analisa TPC

Perpustakaan Unika

Deskriptif Statistik

Descriptives

JML_KOL

	N	Mean	Std. Dev	Std. Error	95% Confidence Interval for Mean		MIN	MAX
					Lower Bound	Upper Bound		
Kontrol_0	4	4.359	.278	.139	3.917	4.801	4.078	4.740
Kontrol_1	4	5.249	.107	.053	5.079	5.419	5.104	5.352
Kontrol_2	4	5.631	.234	.117	5.259	6.003	5.431	5.969
Kontrol_3	4	6.425	.530	.265	5.581	7.269	5.929	7.102
Kontrol_4	4	7.459	.126	.063	7.259	7.659	7.362	7.640
Kontrol_5	4	8.216	.352	.176	7.657	8.776	7.987	8.740
Kontrol_6	4	8.725	.613	.307	7.749	9.701	8.377	9.643
Kontrol_7	4	9.933	.406	.203	9.287	10.578	9.446	10.438
Kontrol_8	4	10.820	.220	.110	10.471	11.170	10.519	11.004
Kontrol_9	4	12.281	.514	.257	11.462	13.099	11.643	12.740
Klorin_0	4	3.490	.128	.064	3.285	3.694	3.299	3.570
Klorin_1	4	3.609	.071	.035	3.496	3.721	3.544	3.701
Klorin_2	4	3.599	.060	.030	3.503	3.695	3.523	3.662
Klorin_3	4	3.736	.053	.026	3.652	3.820	3.671	3.790
Klorin_4	4	4.226	.092	.046	4.080	4.373	4.135	4.348
Klorin_5	4	4.511	.095	.048	4.359	4.663	4.386	4.598
Klorin_6	4	4.584	.089	.044	4.443	4.726	4.510	4.702
Klorin_7	4	4.948	.086	.043	4.811	5.086	4.880	5.075
Klorin_8	4	5.286	.078	.039	5.163	5.410	5.207	5.390
Klorin_9	4	5.415	.008	.004	5.403	5.427	5.405	5.423
Angkak_0	4	2.238	.075	.038	2.118	2.358	2.176	2.342
Angkak_1	4	2.399	.032	.016	2.348	2.450	2.352	2.422
Angkak_2	4	3.355	.089	.044	3.214	3.497	3.244	3.458
Angkak_3	4	3.548	.050	.025	3.469	3.628	3.496	3.596
Angkak_4	4	3.757	.193	.097	3.450	4.065	3.624	4.042
Angkak_5	4	4.349	.087	.044	4.211	4.488	4.252	4.456
Angkak_6	4	5.128	.204	.102	4.803	5.452	4.913	5.320
Angkak_7	4	5.355	.310	.155	4.862	5.848	5.083	5.785
Angkak_8	4	5.764	.246	.123	5.372	6.156	5.400	5.947
Angkak_9	4	5.842	.108	.054	5.671	6.014	5.720	5.981
Total	120	5.475	2.395	.219	5.042	5.908	2.176	12.740

Test of Homogeneity of Variances

JML_KOL

Levene Statistic	df1	df2	Sig.
4.004	29	90	.000

Perpustakaan Unika

ANOVA

JML_KOL

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	677.122	29	23.349	398.830	.000
Within Groups	5.269	90	5.854E-02		
Total	682.391	119			

Post Hoc Tests

Homogeneous Subsets

JML_KOL

Duncan[a]

PERLK	N	Subset for alpha = .05								
		1	2	3	4	5	6	7	8	9
Angkak_0	4	2.238								
Angkak_1	4	2.399								
Angkak_2	4		3.355							
Klorin_0	4		3.490	3.490						
Angkak_3	4		3.548	3.548						
Klorin_2	4		3.599	3.599						
Klorin_1	4		3.609	3.609						
Angkak_3	4		3.736	3.736						
Angkak_4	4			3.757						
Klorin_4	4				4.226					
Angkak_5	4				4.349					
Kontrol_0	4				4.359					
Klorin_5	4				4.511					
Klorin_6	4				4.584					
Klorin_7	4					4.948				
Angkak_6	4					5.128	5.128			
Kontrol_1	4					5.249	5.249			
Klorin_8	4					5.286	5.286	5.286		
Angkak_7	4						5.355	5.355		
Klorin_9	4						5.415	5.415	5.415	
Kontrol_2	4							5.631	5.631	5.631
Angkak_8	4								5.764	5.764
Angkak_9	4									5.842
Kontrol_3	4									
Kontrol_4	4									
Kontrol_5	4									
Kontrol_6	4									
Kontrol_7	4									
Kontrol_8	4									
Kontrol_9	4									
Sig.		.349	.053	.177	.064	.074	.140	.068	.056	.249

Means for groups in homogeneous subsets are displayed.

Perpustakaan Unika

JML_KOL

Duncan[a]

PERLK	Subset for alpha = .05						
	10	11	12	13	14	15	16
Angkak_0							
Angkak_1							
Angkak_2							
Klorin_0							
Angkak_3							
Klorin_2							
Klorin_1							
Angkak_3							
Angkak_4							
Klorin_4							
Angkak_5							
Kontrol_0							
Klorin_5							
Klorin_6							
Klorin_7							
Angkak_6							
Kontrol_1							
Klorin_8							
Angkak_7							
Klorin_9							
Kontrol_2							
Angkak_8							
Angkak_9							
Kontrol_3	6.425						
Kontrol_4		7.459					
Kontrol_5			8.216				
Kontrol_6				8.725			
Kontrol_7					9.933		
Kontrol_8						10.820	
Kontrol_9							12.281
Sig.	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Perpustakaan Unika

JML_KOL

Duncan[a]

PERLK	N	Subset for alpha = .05							
		1	2	3	4	5	6	7	8
Kontrol_0	4	4.3592							
Kontrol_1	4		5.2492						
Kontrol_2	4		5.6312						
Kontrol_3	4			6.4253					
Kontrol_4	4				7.4587				
Kontrol_5	4					8.2163			
Kontrol_6	4					8.7250			
Kontrol_7	4						9.9326		
Kontrol_8	4							10.8203	
Kontrol_9	4								12.2808
Sig.		1.000	.162	1.000	1.000	.066	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

JML_KOL

Duncan[a]

PERLK	N	Subset for alpha = .05					
		1	2	3	4	5	6
Angkak_0	4	2.2380					
Angkak_1	4	2.3990					
Angkak_2	4		3.3555				
Angkak_3	4		3.5484	3.5484			
Angkak_4	4			3.7574			
Angkak_5	4				4.3492		
Angkak_6	4					5.1279	
Angkak_7	4					5.3550	
Angkak_8	4						5.7640
Angkak_9	4						5.8424
Sig.		.177	.108	.083	1.000	.061	.506

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

Perpustakaan Unika

JML_KOL

Duncan[a]

PERLK	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
Klorin_0	4	3.4896						
Klorin_2	4	3.5987						
Klorin_1	4	3.6086						
Klorin_3	4		3.7358					
Klorin_4	4			4.2264				
Klorin_5	4				4.5113			
Klorin_6	4				4.5845			
Klorin_7	4					4.9482		
Klorin 8	4						5.2863	
Klorin 9	4							5.4152
Sig.		.060	1.000	1.000	.216	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

UNIVERSITAS KATOLIK SOEGIJAPRANATA

Pengujian Normalitas Kadar Air

Perpustakaan Unika

Perlakuan Sampel

Tests of Normality

		Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Perlakuan	Statistic	df	Sig.	Statistic	df	Sig.
Kadar Air	Kontrol	.082	40	.200*	.977	40	.640
	Klorin	.095	40	.200*	.971	40	.491
	Angkak	.072	40	.200*	.976	40	.624

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

a. Lilliefors Significance Correction

Perlakuan Hari

Tests of Normality

	HARI_KE	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Kadar Air	0	.162	12	.200*	.959	12	.718
	1	.211	12	.148	.924	12	.376
	2	.209	12	.157	.904	12	.238
	3	.165	12	.200*	.955	12	.661
	4	.187	12	.200*	.937	12	.458
	5	.167	12	.200*	.944	12	.509
	6	.305	12	.003	.871	12	.076
	7	.125	12	.200*	.934	12	.441
	8	.150	12	.200*	.962	12	.748
	9	.107	12	.200*	.970	12	.860

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

a. Lilliefors Significance Correction

Analisa Kadar Air

Perpustakaan Unika

Deskriptif Statistik Kadar Air

Descriptives

KDR_AIR

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Kontrol 0	4	78.023	.767	.3835	76.8029	79.2436	77.34	78.72
Kontrol_1	4	78.174	.802	.4010	76.8974	79.4498	77.43	79.26
kontrol_2	4	78.218	1.443	.7214	75.9222	80.5138	76.68	80.11
Kontrol_3	4	78.298	.537	.2685	77.4435	79.1524	77.75	79.03
Kontrol_4	4	78.327	.200	.1002	78.0083	78.6461	78.14	78.52
Kontrol_5	4	78.379	1.182	.5909	76.4982	80.2589	77.20	79.75
Kontrol_6	4	78.577	.252	.1258	78.1763	78.9768	78.30	78.91
Kontrol_7	4	78.587	.400	.2001	77.9498	79.2235	78.14	79.02
Kontrol_8	4	78.666	1.091	.5453	76.9310	80.4019	77.19	79.81
Kontrol_9	4	79.397	.503	.2516	78.5959	80.1972	78.81	79.82
Klorin_0	4	77.833	1.344	.6719	75.6948	79.9714	76.26	79.52
Klorin_1	4	77.868	.652	.3262	76.8300	78.9065	77.46	78.84
Klorin_2	4	77.900	1.613	.8065	75.3333	80.4668	76.53	79.99
Klorin_3	4	77.910	.879	.4395	76.5115	79.3089	76.70	78.75
Klorin_4	4	77.916	.448	.2240	77.2033	78.6289	77.50	78.53
Klorin_5	4	77.964	.698	.3488	76.8543	79.0743	77.14	78.63
Klorin_6	4	78.216	1.626	.8128	75.6296	80.8031	76.15	80.12
Klorin_7	4	78.202	.586	.2930	77.2700	79.1347	77.45	78.78
Klorin_8	4	78.421	.478	.2391	77.6605	79.1822	77.86	78.97
Klorin_9	4	78.435	.438	.2188	77.7385	79.1312	77.90	78.92
Angkak_0	4	77.912	.252	.1260	77.5106	78.3125	77.54	78.11
Angkak_1	4	77.950	1.043	.5213	76.2915	79.6092	76.91	79.02
Angkak_2	4	77.966	.304	.1520	77.4821	78.4494	77.68	78.39
Angkak_3	4	77.950	.748	.3742	76.7587	79.1407	77.10	78.91
Angkak_4	4	78.030	1.217	.6084	76.0937	79.9660	76.83	79.72
Angkak_5	4	78.143	.495	.2473	77.3561	78.9302	77.43	78.52
Angkak_6	4	78.211	1.824	.9122	75.3079	81.1142	75.62	79.62
Angkak_7	4	78.311	.590	.2950	77.3719	79.2494	77.53	78.94
Angkak_8	4	78.403	.239	.1194	78.0225	78.7826	78.16	78.68
Angkak_9	4	78.458	.770	.3850	77.2328	79.6833	77.52	79.24
Total	120	78.2215	.8458	8.E-02	78.0686	78.3744	75.62	80.12

Test of Homogeneity of Variances

KDR_AIR

Levene Statistic	df1	df2	Sig.
1.829	29	90	.016

Perpustakaan Unika

ANOVA

KDR_AIR

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12.364	29	.426	.527	.974
Within Groups	72.776	90	.809		
Total	85.140	119			

Post Hoc Test

Homogeneous Subsets

KDR_AIR

Duncan[a]

Perlakuan	N	Subset for alpha = .05 1
Klorin_0	4	77.8331
Klorin_1	4	77.8682
Klorin_2	4	77.9001
Klorin_3	4	77.9102
Angkak_0	4	77.9115
Klorin_4	4	77.9161
Angkak_3	4	77.9497
Angkak_1	4	77.9504
Klorin_5	4	77.9643
Angkak_2	4	77.9657
Kontrol_0	4	78.0233
Angkak_4	4	78.0299
Angkak_5	4	78.1432
Kontrol_1	4	78.1736
Klorin_7	4	78.2024
Angkak_6	4	78.2110
klorin_6	4	78.2184
Kontrol_2	4	78.2180
Kontrol_3	4	78.2979
Angkak_7	4	78.3107
Kontrol_4	4	78.3272
Kontrol_5	4	78.3786
Angkak_8	4	78.4026
Klorin_8	4	78.4214
Klorin_9	4	78.4348
Angkak_9	4	78.4580
Kontrol_6	4	78.5765
Kontrol_7	4	78.5867
Kontrol_8	4	78.6664
Kontrol_9	4	79.3965
Sig.		.053

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000

Residu Klorin

Perpustakaan Unika

Tests of Normality

	HARI KE	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
RESIDU KLORIN	0	.254	6	.200*	.864	6	.252
	1	.254	6	.200*	.864	6	.252
	2	.254	6	.200*	.864	6	.252
	3	.254	6	.200*	.864	6	.252
	4	.293	6	.117	.814	6	.084
	5	.302	6	.094	.752	6	.026
	6	.293	6	.117	.814	6	.084
	7	.254	6	.200*	.864	6	.252
	8	.254	6	.200*	.864	6	.252
	9	.293	6	.117	.814	6	.084

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

a. Lilliefors Significance Correction

Descriptives

RESIDU

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
0	6	13.3503	.5970	.2437	12.7238	13.9768
1	6	10.9711	.5970	.2437	10.3446	11.5976
2	6	10.9711	.5970	.2437	10.3446	11.5976
3	6	10.7067	.5970	.2437	10.0802	11.3333
4	6	10.5746	.6475	.2644	9.8950	11.2541
5	6	10.7067	.7797	.3183	9.8885	11.5250
6	6	10.5746	.6475	.2644	9.8950	11.2541
7	6	10.7067	.5970	.2437	10.0802	11.3333
8	6	10.7067	.5970	.2437	10.0802	11.3333
9	6	10.5746	.6475	.2644	9.8950	11.2541
Total	60	10.9843	.9956	.1285	10.7271	11.2415

PERPUSTAKAAN

Test of Homogeneity of Variances

RESIDU

Levene Statistic	df1	df2	Sig.
.299	9	50	.972

Perpustakaan Unika

ANOVA

RESIDU

	Sum of Squares	df	Mean Square
Between Groups	38.460	9	4.273
Within Groups	20.022	50	.400
Total	58.482	59	

ANOVA

RESIDU

	F	Sig.
Between Groups	10.672	.000
Within Groups		
Total		

Post Hoc Tests

RESIDU

Duncan[a]

HARI_KE_	N	Subset for alpha = .05	
		1	2
4.000	6	10.5746	
6.000	6	10.5746	
9.000	6	10.5746	
3.000	6	10.7067	
7.000	6	10.7067	
8.000	6	10.7067	
5.000	6	10.7067	
1.000	6	10.9711	
2.000	6	10.9711	
.000	6		13.3503
Sig.		.366	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Perpustakaan Unika

Penentuan Kurva Standar Larutan Klorin

Penentuan Kurva Standar Larutan Klorin

Descriptives

Y

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean	
					Lower Bound	Upper Bound
25	3	12.9983	2.1660	1.2506	7.6176	18.3791
50	3	39.9403	2.6842	1.5497	33.2723	46.6083
75	3	63.5737	1.6374	.9453	59.5062	67.6411
100	3	79.6443	4.9799	2.8751	67.2737	92.0150
Total	12	49.0392	26.4020	7.6216	32.2641	65.8142

ANOVA

Y

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7588.975	3	2529.658	256.970	.000
Within Groups	78.753	8	9.844		
Total	7667.728	11			

Regression

Variables Entered/Removed[b]

Model	Variables Entered	Variables Removed	Method
1	X[a]	.	Enter

a. All requested variables entered.

b. Dependent Variable: Y

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.989[a]	.978	.976	4.1244

a. Predictors: (Constant), X

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	7497.621	1	7497.621	440.758	.000[a]
	Residual	170.107	10	17.011		
	Total	7667.728	11			

a. Predictors: (Constant), X

b. Dependent Variable: Y

Perpustakaan Unika

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-6.854	2.916		-2.350	.041
	X	.894	.043	.989	20.994	.000

a. Dependent Variable: Y

UNIVERSITAS KATOLIK SOEGIJAPRANATA

Pengujian Normalitas Organoleptik

Perpustakaan Unika

Sampel

Tests of Normality

	SAMPEL	Kolmogorov-Smirnov[a]		
		Statistic	df	Sig.
Organoleptik	Kontrol	.285	104	.000
	Klorin	.295	104	.000
	Angkak	.287	104	.000

a. Lilliefors Significance Correction

Parameter

Tests of Normality

	PARAMETER	Kolmogorov-Smirnov[a]		
		Statistic	df	Sig.
NILAI	Warna	.233	78	.000
	Aroma	.299	78	.000
	Tesktur	.323	78	.000
	Overall	.298	78	.000

a. Lilliefors Significance Correction

Perpustakaan Unika

Pengujian Organoleptik

Between-Subjects Factors

		Value Label	N
Parameter	1	warna	78
	2	aroma	78
	3	tekstur	78
	4	overall	78
Sampel Parameter	1	Kontrol Warna	26
	2	Klorin Warna	26
	3	Angkak Warna	26
	4	Kontrol Aroma	26
	5	Klorin Aroma	26
	6	Angkak Aroma	26
	7	Kontrol Tekstur	26
	8	Klorin Testur	26
	9	Angkak Tesktur	26
	10	Kontrol Overall	26
	11	Klorin Overall	26
	12	Angkak Overall	26

Descriptive Statistics

	PARAMETE	SAMPEL	Mean	Std. Deviation	N
Sampel	Warna	Kontrol	3.9231	.7442	26
		Klorin	4.0385	.9157	26
		Angkak	3.1538	.7317	26
	Aroma	Kontrol	3.9615	.6622	26
		Klorin	3.6538	.5616	26
		Angkak	3.9231	.6884	26
	Tekstur	Kontrol	3.7692	.8152	26
		Klorin	3.6154	.8038	26
		Angkak	3.8846	.8162	26
	Overall	Kontrol	3.8846	.6528	26
		Klorin	3.8077	.7494	26
		Angkak	3.9615	.6622	26

Perpustakaan Unika

Post Hoc Tests

TEKSTUR

Duncan[a,b]

SAMPEL	N	Subset 1
Klorin	26	3.6154
Kontrol	26	3.7692
Angkak	26	3.8846
Sig.		.265

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .659.

a. Uses Harmonic Mean Sample Size = 26.000.

b. Alpha = .05.

Post Hoc Tests

WARNA

Duncan[a,b]

SAMPEL	N	Subset 1	Subset 2
Angkak	26	3.1538	
Kontrol	26		3.9231
Klorin	26		4.0385
Sig.		1.000	.605

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .643.

a. Uses Harmonic Mean Sample Size = 26.000.

b. Alpha = .05.

Perpustakaan Unika

Post Hoc Tests

AROMA

Duncan[a,b]

Perlakuan	N	Subset		
		1	2	3
Klorin	26	3.6538		
Kontrol	26		3.9231	
Angkak	26			3.9615
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .000.

a. Uses Harmonic Mean Sample Size = 26.000.

b. Alpha = .050.

Post Hoc Tests

Overall

Duncan[a,b]

Perlakuan	N	Subset
		1
Klorin	26	3.8077
Kontrol	26	3.8846
Angkak	26	3.9615
Sig.		.454

Means for groups in homogeneous subsets are displayed.
Based on Type III Sum of Squares
The error term is Mean Square(Error) = .475.

a. Uses Harmonic Mean Sample Size = 26.000.

b. Alpha = .05.

Perpustakaan Unika

Hasil Pengujian Organoleptik pada Udang Putih Segar

Hasil Pengujian Organoleptik Udang Putih *(Penaeus merguensis)* Segar

Sampel	Nilai	Warna			Aroma			Tekstur			Overall		
		Frekuensi	Score	Rata Score	Frekuensi	Score	Rata Score	Frekuensi	Score	Rata Score	Frekuensi	Score	Rata Score
Kontrol	1	0	0		0	0		0	0		0	0	
	2	0	0		0	0		2	8		0	0	
	3	8	24		6	18		6	18		7	21	
	4	12	48		15	60		14	56		15	60	
	5	6	30		5	25		4	20		4	20	
		26	102	3.9231	26	103	3.9615	26	102	3.9231	26	101	3.8846
Klorin	1	0	0		0	0		0	0		0	0	
	2	2	4		0	0		3	6		1	2	
	3	4	12		10	30		6	18		7	21	
	4	11	44		15	60		15	60		14	56	
	5	9	45		1	5		2	10		4	20	
		26	105	4.0385	26	95	3.6538	26	94	3.6154	26	99	3.8077
Angkak	1	0	0		0	0		0	0		0	0	
	2	5	10		0	0		2	4		0	0	
	3	12	36		7	21		4	12		6	18	
	4	9	36		14	56		15	60		15	60	
	5	0	0		5	25		5	25		5	25	
		26	82	3.1538	26	102	3.9231	26	101	3.8846	26	103	3.9615

Perpustakaan Unika

Crosstabulation Organoleptik Udang Putih Segar

Crosstabulation

PARAMETER		NILAI 2.00	3.00	4.00	5.00	Total
Warna	Kontrol		8	12	6	26
			30.8%	46.2%	23.1%	100.0%
	Klorin	2	4	11	9	26
		7.7%	15.4%	42.3%	34.6%	100.0%
	Angkak	5	12	9		26
		19.2%	46.2%	34.6%		100.0%
Aroma	Kontrol		6	15	5	26
			23.1%	57.7%	19.2%	100.0%
	Klorin		10	15	1	26
			38.5%	57.7%	3.8%	100.0%
	Angkak		7	14	5	26
			26.9%	53.8%	19.2%	100.0%
Tekstur	Kontrol	2	6	14	4	26
		7.7%	23.1%	53.8%	15.4%	100.0%
	Klorin	3	6	15	2	26
		11.5%	23.1%	57.7%	7.7%	100.0%
	Angkak	2	4	15	5	26
		7.7%	15.4%	57.7%	19.2%	100.0%
Overall	Kontrol		7	15	4	26
			26.9%	57.7%	15.4%	100.0%
	Klorin	1	7	14	4	26
		3.8%	26.9%	53.8%	15.4%	100.0%
	Angkak		6	15	5	26
			23.1%	57.7%	19.2%	100.0%