

Lampiran 1.Ukuran Panjang dan Lebar Cangkang Kerang Hijau

No	Batch	Perlakuan	Panjang (cm)	Lebar (cm)	mean panjang	stdev panjang	mean lebar	stdev lebar
1	1	kontrol 1	5,7	2,8				
2	1	kontrol 2	6	2,74				
3	1	kontrol 3	5,9	2,6				
4	1	kontrol 4	5,41	2,9				
5	1	kontrol 5	5,1	2,53				
6	2	kontrol 1	5,27	2,46	5,622	0,317588133	2,714	0,1833758
7	2	kontrol 2	5,4	3				
8	2	kontrol 3	5,6	2,67				
9	2	kontrol 4	5,84	2,9				
10	2	kontrol 5	6	2,54				
11	1	Rb 10 ul 1	5,71	2,9				
12	1	Rb 10 ul 2	5,6	3				
13	1	Rb 10 ul 3	5,78	2,54				
14	1	Rb 10 ul 4	5,63	2,7				
15	1	Rb 10 ul 5	5,2	2,61	5,584	0,268543396	2,75	0,1384036
16	2	Rb 10 ul 1	5,3	2,7				
17	2	Rb 10 ul 2	5,48	2,84				
18	2	Rb 10 ul 3	5,87	2,8				
19	2	Rb 10 ul 4	6	2,75				
20	2	Rb 10 ul 5	5,27	2,66				
21	1	Rb 12 ul 1	5,13	2,57	5,552	0,2013841	2,63	0,2013841
22	1	Rb 12 ul 2	5,77	2,45				
23	1	Rb 12 ul 3	5,61	2,42				
24	1	Rb 12 ul 4	5,29	3				
25	1	Rb 12 ul 5	5,8	2,71				
26	2	Rb 12 ul 1	6	2,46				
27	2	Rb 12 ul 2	5,36	2,73				
28	2	Rb 12 ul 3	5,63	2,9				
29	2	Rb 12 ul 4	5,43	2,6				

30	2	Rb 12 ul 5	5,5	2,46				
31	1	Rb 14 ul 1	5,86	2,46				
32	1	Rb 14 ul 2	5,67	2,8				
33	1	Rb 14 ul 3	5,78	2,54				
34	1	Rb 14 ul 4	5,12	2,37				
35	1	Rb 14 ul 5	5,31	2,87				
36	2	Rb 14 ul 1	5,8	2,47	5,548	0,254680628	2,608	0,1632176
37	2	Rb 14 ul 2	5,64	2,6				
38	2	Rb 14 ul 3	5,27	2,74				
39	2	Rb 14 ul 4	5,4	2,53				
40	2	Rb 14 ul 5	5,63	2,7				
41	1	Rb 16 ul 1	5,24	2,67				
42	1	Rb 16 ul 2	5,92	2,84				
43	1	Rb 16 ul 3	5,37	2,63				
44	1	Rb 16 ul 4	6	2,77				
45	1	Rb 16 ul 5	5,47	2,64				
46	2	Rb 16 ul 1	5,65	2,9	5,6	0,235230384	2,706	0,1653414
47	2	Rb 16 ul 2	5,71	3				
48	2	Rb 16 ul 3	5,5	2,54				
49	2	Rb 16 ul 4	5,64	2,5				
50	2	Rb 16 ul 5	5,5	2,57				
51	1	Gr 1 ul 1	5,17	2,75				
52	1	Gr 1 ul 2	5,87	2,64				
53	1	Gr 1 ul 3	5,64	2,5				
54	1	Gr 1 ul 4	5,86	2,84				
55	1	Gr 1 ul 5	5,67	2,55				
56	2	Gr 1 ul 1	5,71	2,54	5,642	0,228122774	2,656	0,1418293
57	2	Gr 1 ul 2	5,34	2,46				
58	2	Gr 1 ul 3	5,58	2,87				
59	2	Gr 1 ul 4	5,76	2,71				
60	2	Gr 1 ul 5	5,82	2,7				
61	1	Gr 2 ul 1	6	2,56	5,644	0,213083187	2,61	0,1324135
62	1	Gr 2 ul 2	5,48	2,87				

63	1	Gr 2 ul 3	5,31	2,44				
64	1	Gr 2 ul 4	5,69	2,68				
65	1	Gr 2 ul 5	5,74	2,5				
66	2	Gr 2 ul 1	5,86	2,57				
67	2	Gr 2 ul 2	5,44	2,77				
68	2	Gr 2 ul 3	5,54	2,64				
69	2	Gr 2 ul 4	5,57	2,57				
70	2	Gr 2 ul 5	5,81	2,5				
71	1	Gr 3 ul 1	5,14	2,48				
72	1	Gr 3 ul 2	5,67	2,61				
73	1	Gr 3 ul 3	6	2,57				
74	1	Gr 3 ul 4	5,81	3				
75	1	Gr 3 ul 5	5,57	2,46				
76	2	Gr 3 ul 1	5,5	2,47	5,657	0,258502095	2,624	0,1643303
77	2	Gr 3 ul 2	5,6	2,54				
78	2	Gr 3 ul 3	5,78	2,68				
79	2	Gr 3 ul 4	6	2,7				
80	2	Gr 3 ul 5	5,5	2,73				
81	1	Gr 4 ul 1	5,27	2,49				
82	1	Gr 4 ul 2	5,6	2,68				
83	1	Gr 4 ul 3	5,84	2,74				
84	1	Gr 4 ul 4	5,37	2,56				
85	1	Gr 4 ul 5	5,54	3				
86	2	Gr 4 ul 1	5,54	2,71	5,524	0,209772363	2,694	0,1461506
87	2	Gr 4 ul 2	5,84	2,56				
88	2	Gr 4 ul 3	5,4	2,64				
89	2	Gr 4 ul 4	5,6	2,8				
90	2	Gr 4 ul 5	5,24	2,76				
		rata2	5,597	2,665777778				
		stdev	0,244427559	0,161245				
		cv	0,043671174	0,060487037				

Lampiran 2. Kadar Air dan Konsentrasi Cu dan Cd Kerang Hijau

No	Batch	Perlakuan	KA (%)	Mean ± stdev KA	Cu	Cd	Konversi Cu	Mean ± stdev Cu	Konversi Cd	Mean ± stdev Cd
1	1	kontrol 1	80.74		0.813	0.366	0.813		0.0705	
2	1	kontrol 2	78.39		0.8041	0.313	0.8041		0.0676	
3	1	kontrol 3	83.415		0.8603	0.36	0.8603		0.06	
4	1	kontrol 4	78.895		0.803	0.308	0.803		0.065	
5	1	kontrol 5	84.031		0.7914	0.445	0.7914		0.0549	
6	2	kontrol 1	79.14	80.3871 ± 2.41	0.886	0.307	0.886	0.8075 ± 0.0478	0.064	0.0645 ± 0.0046
7	2	kontrol 2	83.34		0.826	0.393	0.826		0.066	
8	2	kontrol 3	78.01		0.774	0.318	0.72		0.07	
9	2	kontrol 4	80.27		0.82	0.319	0.82		0.063	
10	2	kontrol 5	77.64		0.751	0.255	0.751		0.064	
11	1	Rb 10 ul 1	78.808		0.7959	0.248	0.7959		0.0547	
12	1	Rb 10 ul 2	75.364		0.787	0.266	0.787		0.063	
13	1	Rb 10 ul 3	76.533		0.8631	0.256	0.6931		0.057	
14	1	Rb 10 ul 4	78.263		0.771	0.294	0.771		0.062	
15	1	Rb 10 ul 5	77.717	76.2899 ± 1.8965	0.807	0.315	0.807	0.7807 ± 0.0665	0.067	0.06025 ± 0.004
16	2	Rb 10 ul 1	73.75		0.825	0.232	0.825		0.054	
17	2	Rb 10 ul 2	77.62		0.852	0.444	0.852		0.0608	
18	2	Rb 10 ul 3	73.834		0.643	0.185	0.643		0.06	
19	2	Rb 10 ul 4	74.145		0.781	0.214	0.781		0.059	
20	2	Rb 10 ul 5	76.865		0.852	0.245	0.852		0.065	
21	1	Rb 12 ul 1	74.765	75.6994 ± 1.1912	0.774	0.2415	0.774	0.7649 ± 0.0358	0.0609	0.0616 ± 0.0028
22	1	Rb 12 ul 2	75.433		0.792	0.257	0.792		0.063	
23	1	Rb 12 ul 3	73.16		0.684	0.212	0.744		0.057	
24	1	Rb 12 ul 4	76.697		0.951	0.265	0.681		0.062	
25	1	Rb 12 ul 5	75.222		0.69	0.273	0.75		0.067	
26	2	Rb 12 ul 1	75.458		0.774	0.25	0.774		0.0614	
27	2	Rb 12 ul 2	76.62		0.788	0.26	0.788		0.0608	
28	2	Rb 12 ul 3	77.309		0.762	0.264	0.762		0.06	
29	2	Rb 12 ul 4	76.5		0.814	0.251	0.814		0.059	

30	2	Rb 12 ul 5	75.83		0.7704	0.269	0.7704		0.065	
31	1	Rb 14 ul 1	81.279		0.7959	0.401	0.7959		0.075	
32	1	Rb 14 ul 2	75.755		0.7576	0.4	0.7576		0.057	
33	1	Rb 14 ul 3	74.94		0.7626	0.155	0.7626		0.0547	
34	1	Rb 14 ul 4	75.715		0.7367	0.189	0.7367		0.046	
35	1	Rb 14 ul 5	74.283		0.7569	0.188	0.7569		0.055	
36	2	Rb 14 ul 1	75.35	77.0415 ± 2.1955	0.768	0.247	0.723	0.7572 ± 0.0263	0.0549	0.0585 ± 0.0075
37	2	Rb 14 ul 2	77.414		0.781	0.263	0.718		0.0594	
38	2	Rb 14 ul 3	78.71		0.7545	0.2766	0.7545		0.0588	
39	2	Rb 14 ul 4	78.621		0.793	0.284	0.793		0.0607	
40	2	Rb 14 ul 5	78.348		0.774	0.297	0.774		0.064	
41	1	Rb 16 ul 1	73.386		0.7411	0.21	0.7411		0.056	
42	1	Rb 16 ul 2	72.175		0.7625	0.159	0.7625		0.059	
43	1	Rb 16 ul 3	73.734		0.7362	0.185	0.7362		0.0603	
44	1	Rb 16 ul 4	73.971		0.7343	0.126	0.7343		0.0596	
45	1	Rb 16 ul 5	73.685		0.744	0.458	0.744		0.0537	
46	2	Rb 16 ul 1	76.27	74.5709 ± 1.3573	0.731	0.295	0.731	0.7477 ± 0.0123	0.06	0.0569 ± 0.0031
47	2	Rb 16 ul 2	75.35		0.749	0.238	0.749		0.058	
48	2	Rb 16 ul 3	76.021		0.762	0.252	0.762		0.0504	
49	2	Rb 16 ul 4	75.41		0.753	0.23	0.753		0.056	
50	2	Rb 16 ul 5	75.707		0.764	0.261	0.764		0.0565	
51	1	Gr 1 ul 1	75.2		0.687	0.138	0.687		0.0612	
52	1	Gr 1 ul 2	71.822		0.735	0.148	0.735		0.059	
53	1	Gr 1 ul 3	71.176		0.781	0.188	0.781		0.056	
54	1	Gr 1 ul 4	73.34		0.74	0.11	0.74		0.063	
55	1	Gr 1 ul 5	66.848		0.812	0.444	0.812		0.061	
56	2	Gr 1 ul 1	71.288	71.5624 ± 2.3959	0.706	0.202	0.706	0.7319 ± 0.0393	0.058	0.0601 ± 0.0028
57	2	Gr 1 ul 2	71.968		0.708	0.219	0.708		0.061	
58	2	Gr 1 ul 3	68.768		0.723	0.208	0.723		0.065	
59	2	Gr 1 ul 4	71.467		0.691	0.245	0.691		0.061	
60	2	Gr 1 ul 5	73.747		0.736	0.215	0.736		0.056	
61	1	Gr 2 ul 1	60.679	59.8822 ± 2.9279	0.785	0.1421	0.785	0.6783 ± 0.057	0.056	0.0549 ± 0.0075
62	1	Gr 2 ul 2	56.68		0.903	0.106	0.709		0.072	

63	1	Gr 2 ul 3	57.238		0.409	0.108	0.71		0.0462
64	1	Gr 2 ul 4	58.397		0.617	0.115	0.617		0.048
65	1	Gr 2 ul 5	62.307		0.612	0.151	0.612		0.057
66	2	Gr 2 ul 1	61.425		0.653	0.136	0.653		0.052
67	2	Gr 2 ul 2	66.41		0.686	0.148	0.686		0.05
68	2	Gr 2 ul 3	57.761		0.648	0.1225	0.69		0.052
69	2	Gr 2 ul 4	59.02		0.651	0.152	0.651		0.062
70	2	Gr 2 ul 5	58.905		0.645	0.132	0.67		0.054
71	1	Gr 3 ul 1	66.18		0.634	0.146	0.634		0.048
72	1	Gr 3 ul 2	65.66		0.61	0.141	0.61		0.045
73	1	Gr 3 ul 3	67.3		0.7	0.15	0.7		0.047
74	1	Gr 3 ul 4	66.02		0.671	0.161	0.671		0.051
75	1	Gr 3 ul 5	63.3		0.651	0.153	0.651		0.056
76	2	Gr 3 ul 1	67.2	65.5419 ± 1.923	0.64	0.149	0.64	0.6505 ± 0.0387	0.0501 ± 0.0032
77	2	Gr 3 ul 2	62.68		0.721	0.143	0.721		0.053
78	2	Gr 3 ul 3	68.59		0.62	0.167	0.62		0.053
79	2	Gr 3 ul 4	63.56		0.599	0.136	0.599		0.049
80	2	Gr 3 ul 5	64.93		0.659	0.123	0.659		0.05
81	1	Gr 4 ul 1	58.53		0.627	0.107	0.627		0.044
82	1	Gr 4 ul 2	58.11		0.614	0.091	0.614		0.038
83	1	Gr 4 ul 3	56.94		0.672	0.095	0.672		0.041
84	1	Gr 4 ul 4	58.7		0.634	0.107	0.634		0.044
85	1	Gr 4 ul 5	60.368		0.623	0.11	0.623		0.043
86	2	Gr 4 ul 1	56.853	58.3547 ± 1.5104	0.632	0.111	0.632	0.6376 ± 0.0171	0.0425 ± 0.0028
87	2	Gr 4 ul 2	58.624		0.64	0.103	0.64		0.042
88	2	Gr 4 ul 3	58.232		0.654	0.101	0.654		0.042
89	2	Gr 4 ul 4	61.025		0.651	0.113	0.651		0.044
90	2	Gr 4 ul 5	56.165		0.629	0.091	0.629		0.039

Lampiran 3. Persentase Penurunan Cu dan Cd

Perlakuan	Cu	Persentase Penurunan Cu (%)	Cd	Persentase Penurunan Cd (%)
Kontrol	0,8075 ± 0,0478	0	0,0645 ± 0,0046	0
Rebus 10 menit	0,7807 ± 0,0665	3,318885449	0,06025 ± 0,004	6,589147287
Rebus 12 menit	0,7649 ± 0,0358	5,275541796	0,0616 ± 0,0028	4,480620155
Rebus 14 menit	0,7572 ± 0,0263	6,229102167	0,0585 ± 0,0075	9,302325581
Rebus 16 menit	0,7477 ± 0,0123	7,405572755	0,0569 ± 0,0031	11,78294574
Goreng 1 menit	0,7319 ± 0,0393	9,362229102	0,0601 ± 0,0028	6,821705426
Goreng 2 menit	0,6783 ± 0,057	16	0,0549 ± 0,0075	14,88372093
Goreng 3 menit	0,6505 ± 0,0387	19,44272446	0,0501 ± 0,0032	22,3255814
Goreng 4 menit	0,6376 ± 0,0171	21,04024768	0,0425 ± 0,0028	34,10852713

Lampiran 4. Kadar Air, Cu dan Cd Kerang Hijau

Post Hoc Tests

		Kolmogorov-Smirnov ^a			Shapiro-Wilk		
perlakuan		Statistic	df	Sig.	Statistic	df	Sig.
Cu	kontrol	.168	10	.200*	.965	10	.841
	rebus 10 menit	.242	10	.100	.881	10	.134
	rebus 12 menit	.180	10	.200*	.896	10	.197
	rebus 14 menit	.159	10	.200*	.946	10	.622
	rebus 16 menit	.177	10	.200*	.917	10	.331
	goreng 1 menit	.218	10	.193	.909	10	.275
	goreng 2 menit	.166	10	.200*	.940	10	.552
	goreng 3 menit	.113	10	.200*	.962	10	.809
	goreng 4 menit	.183	10	.200*	.949	10	.661
	Cd	kontrol	.173	10	.200*	.943	10
rebus 10 menit		.105	10	.200*	.975	10	.933
rebus 12 menit		.146	10	.200*	.975	10	.932
rebus 14 menit		.204	10	.200*	.917	10	.336
rebus 16 menit		.181	10	.200*	.907	10	.264
goreng 1 menit		.220	10	.189	.937	10	.516
goreng 2 menit		.192	10	.200*	.899	10	.212
goreng 3 menit		.133	10	.200*	.980	10	.963
goreng 4 menit		.199	10	.200*	.953	10	.700
KA		kontrol	.198	10	.200*	.879	10
	rebus 10 menit	.170	10	.200*	.906	10	.254
	rebus 12 menit	.149	10	.200*	.938	10	.536
	rebus 14 menit	.220	10	.185	.928	10	.432
	rebus 16 menit	.217	10	.200*	.922	10	.374
	goreng 1 menit	.236	10	.120	.946	10	.621
	goreng 2 menit	.216	10	.200*	.897	10	.205
	goreng 3 menit	.149	10	.200*	.960	10	.789
	goreng 4 menit	.210	10	.200*	.941	10	.566

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

a. Lilliefors Significance Correction

Cu

Duncan

perlakuan	N	Subset for alpha = .05				
		1	2	3	4	5
goreng 4 menit	10	.637600				
goreng 3 menit	10	.650500	.650500			
goreng 2 menit	10		.678300			
goreng 1 menit	10			.731900		
rebus 16 menit	10			.747710	.747710	
rebus 14 menit	10			.757220	.757220	
rebus 12 menit	10			.764940	.764940	
rebus 10 menit	10				.780700	.780700
kontrol	10					.807480
Sig.		.478	.129	.099	.100	.143

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 10.000.

Cd

Duncan

perlakuan	N	Subset for alpha = .05					
		1	2	3	4	5	6
goreng 4 menit	10	.042500					
goreng 3 menit	10		.050100				
goreng 2 menit	10			.054920			
rebus 16 menit	10			.056950	.056950		
rebus 14 menit	10			.058550	.058550	.058550	
goreng 1 menit	10				.060120	.060120	.060120
rebus 10 menit	10				.060250	.060250	.060250
rebus 12 menit	10					.061610	.061610
kontrol	10						.064500
Sig.		1.000	1.000	.105	.156	.189	.058

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Lampiran 5. Hasil Uji Beda Kadar Air Kerang Hijau

Post Hoc Tests

Duncan

perlakuan	N	Subset for alpha = .05					
		1	2	3	4	5	6
goreng 4 menit	10	58.355000					
goreng 2 menit	10	59.884000					
goreng 3 menit	10		65.542000				
goreng 1 menit	10			71.564000			
rebus 16 menit	10				74.572000		
rebus 12 menit	10				75.700000	75.700000	
rebus 10 menit	10				76.290000	76.290000	
rebus 14 menit	10					77.042000	
kontrol	10						80.388000
Sig.		.099	1.000	1.000	.079	.171	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10.000.

Lampiran 6. Hasil Uji Beda Air Rebusan

Post Hoc Tests

Cu

Duncan

perlakuan	N	Subset for alpha = .05		
		1	2	3
kontrol	2	.05850		
rebus 10 menit	2		.08600	
rebus 12 menit	2		.08800	
rebus 14 menit	2			.11350
rebus 16 menit	2			.11650
Sig.		1.000	.719	.592

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 2.000.

Cd

Duncan

perlakuan	N	Subset for alpha = .05			
		1	2	3	4
kontrol	2	.00600			
rebus 10 menit	2	.01750	.01750		
rebus 12 menit	2		.03050	.03050	
rebus 14 menit	2			.05300	.05300
rebus 16 menit	2				.05600
Sig.		.268	.218	.059	.758

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 2.000.

Lampiran 7. Hasil Uji Beda Minyak Goreng

Post Hoc Tests

Cu

Duncan

perlakuan	N	Subset for alpha = .05		
		1	2	3
kontrol	2	.05200		
goreng 1 menit	2		.12850	
goreng 2 menit	2		.13845	.13845
goreng 3 menit	2			.16250
goreng 4 menit	2			.16300
Sig.		1.000	.473	.122

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 2.000.

Cd

Duncan

perlakuan	N	Subset for alpha = .05		
		1	2	3
kontrol	2	.00300		
goreng 1 menit	2	.00550		
goreng 2 menit	2	.00950	.00950	
goreng 3 menit	2		.01600	
goreng 4 menit	2			.03100
Sig.		.079	.072	1.000

Means for groups in homogeneous subsets are displayed.

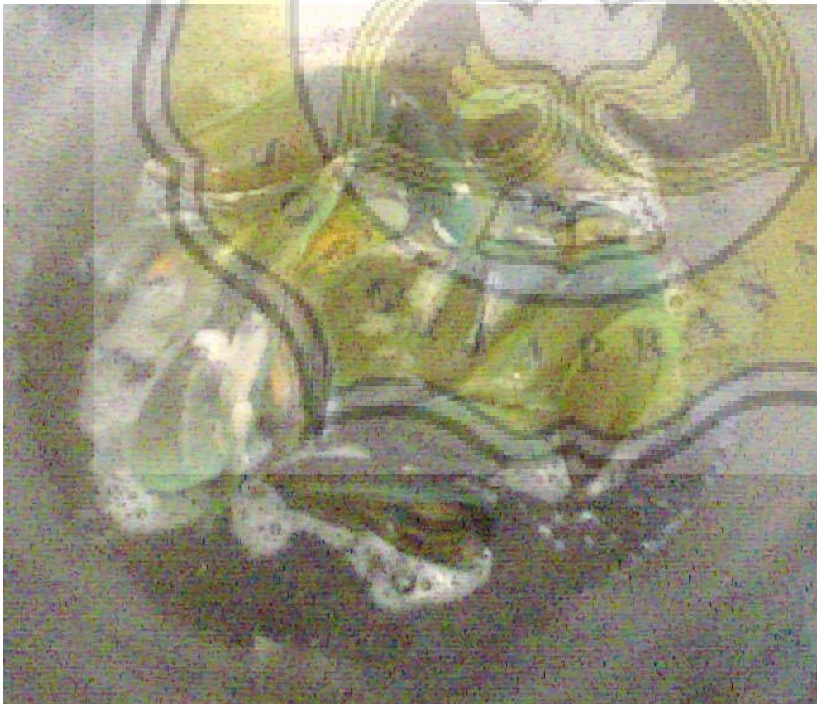
a Uses Harmonic Mean Sample Size = 2.000.

Lampiran 8.

Perebusan Kerang



Penggorengan Kerang

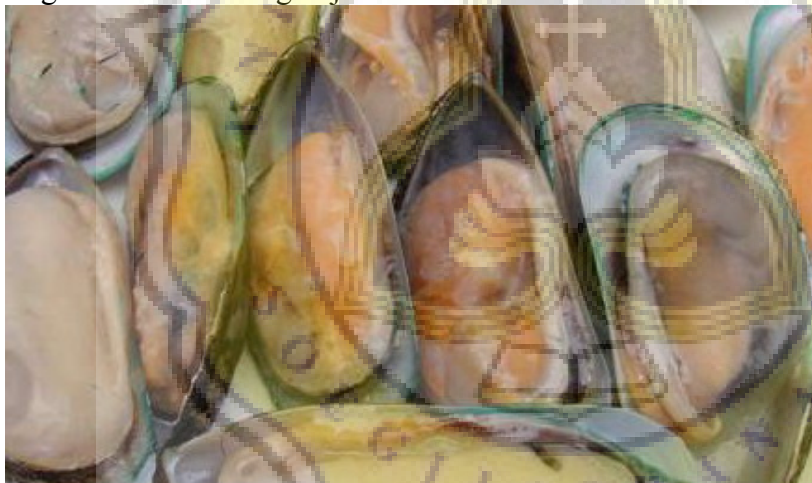


Lampiran 9. Hasil Survey

Nama Warung/Rumah Makan	Lokasi	Volume Air (ml)	Volume minyak (ml)
Hj. Suminto	Tanah Mas	± 630	± 450
Pak Darno	Tanah Mas	± 590	± 480
Pak Jamal	Jl. Pahlawan	± 580	± 550
Pak Jari	Jl. Pahlawan	± 630	± 520
Sukses Bahagia	Jl. Pahlawan	± 580	± 500
Murah Meriah	Jl. Pahlawan	± 640	± 540
Bu Yatmi	Jl. Pahlawan	± 580	± 480
Nikmat Rasa	Simpang Lima	± 610	± 490
Idaman Rasa	Simpang Lima	± 580	± 510
Gama	Simpang Lima	± 610	± 520
Rata-rata		± 603	± 504

Lampiran 10.

Bagian Dalam Kerang Hijau



Cangkang Kerang Hijau

