

LAMPIRAN



Lampiran 1. Lembar Kuesioner

KUESIONER : ATTRIBUTE ACCEPTANCE TEST

Nama panelis :

Produk : Nanas kering

Tanggal :

2008

Instruksi :

- Di hadapan Anda tersedia 7 sampel nanas kering (*dried pineapple*).
- Anda diminta menguji sampel dari kiri ke kanan, meliputi : warna, aroma, rasa, dan tekstur dengan cara memberi tanda silang (X) pada kolom yang sesuai dengan tingkat penerimaan Anda (1 = amat sangat tidak suka ; 2 = sangat tidak suka ; 3 = tidak suka ; 4 = agak tidak suka ; 5 = netral ; 6 = agak suka ; 7 = suka ; 8 = sangat suka ; 9 = amat sangat suka).
- Anda diminta mencuci mulut antar pengujian sampel dengan air minum yang telah disediakan.
- Anda diminta tidak membandingkan sampel-sampel yang tersedia.

Kode Sampel																		
	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9
Atribut																		
Warna																		
Aroma																		
Rasa																		
Tekstur																		

Kode Sampel																		
	1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9
Atribut																		
Warna																		
Aroma																		
Rasa																		
Tekstur																		

Jika Anda ingin memberikan tanggapan terhadap produk yang anda uji, Anda dapat memberikan tanggapan. Tanggapan :

Lampiran 2. Hasil ANOVA untuk Warna

Sumber Keragaman	Jumlah Kuadrat	Derajat Bebas	Kuadrat Tengah	Fh	Ft	
					0,05	0,01
Perlakuan	210,61	11	19,15	16,76	1,692	2,423
Galat	113,07	99	1,14			
Total	323,68	110				

Keterangan : $F_h > F_t \rightarrow$ sangat berbeda nyata ($p < 0,01$)

Lampiran 3. Hasil Uji DMRT untuk Warna

Perlakuan	Rata-rata	Superskrip
S4B3	3,67	a
S4B2	4,00	ab
S3B3	4,00	ab
S4B1	5,00	abc
S3B1	5,33	bed
S3B2	6,00	cde
S2B3	6,00	cde
S2B1	6,67	de
S2B2	7,00	e
S1B2	7,00	e
S1B1	7,00	e
S1B3	7,33	e

**Lampiran 4.** Hasil ANOVA untuk Aroma

Sumber Keragaman	Jumlah Kuadrat	Derajat Bebas	Kuadrat Tengah	Fh	Ft	
					0,05	0,01
Perlakuan	15,39	11	1,40	1,50	1,692	2,423
Galat	92,23	99	0,93			
Total	107,62	110				

Keterangan : $F_h < F_t \rightarrow$ tidak berbeda nyata ($p < 0,01$)

Lampiran 5. Hasil ANOVA untuk Rasa

Sumber Keragaman	Jumlah Kuadrat	Derajat Bebas	Kuadrat Tengah	Fh	Ft	
					0,05	0,01
Perlakuan	210,61	11	19,15	16,76	1,692	2,423
Galat	113,07	99	1,14			
Total	323,68	110				

Keterangan : $F_h > F_t \rightarrow$ sangat berbeda nyata ($p < 0,01$)

Lampiran 6. Hasil Uji DMRT untuk Rasa

Perlakuan	Rata-rata	Superskrip
S4B1	3,33	a
S3B3	3,67	ab
S4B3	4,33	bc
S4B2	4,67	bcd
S3B2	5,00	cd
S3B1	5,33	cde
S2B3	5,33	cde
S1B2	5,67	de
S2B1	6,33	ef
S1B3	6,33	ef
S2B2	7,00	f
S1B1	7,00	f

Lampiran 7. Hasil ANOVA untuk Tekstur

Sumber Keragaman	Jumlah Kuadrat	Derajat Bebas	Kuadrat		Fh	Ft	
			Tengah			0,05	0,01
Perlakuan	17,89	11	1,63	2,97	1,692	2,423	
Galat	54,15	99	0,55				
Total	72,04	110					

Keterangan : $F_h > F_t \rightarrow$ sangat berbeda nyata ($p < 0,01$)

Lampiran 8. Hasil Uji DMRT untuk Tekstur

Perlakuan	Rata-rata	Superskrip
S3B1	4,73	a
S1B1	4,87	ab
S4B1	4,97	abc
S3B2	5,03	abc
S3B3	5,33	abc
S2B1	5,33	abc
S1B3	5,40	abc
S1B2	5,53	abc
S4B2	5,63	abc
S4B3	5,77	bc
S2B3	5,90	c
S2B2	5,93	c

Lampiran 9. Hasil Uji Tukey untuk Warna

Descriptive Statistics

Dependent Variable: warna

perla	Mean	Std. Deviation	N
perk 1	4.92	2.102	60
perk 2	4.88	1.606	60
perk 3	5.12	1.678	60
perk 4	5.17	1.638	60
perk 5	5.52	1.610	60
perk 6	5.82	1.384	60
perk 7	6.27	1.448	60
perk 8	7.15	1.191	60
perk 9	6.50	1.479	60
perk 10	6.73	1.528	60
perk 11	6.08	1.598	60
perk 12	5.48	1.846	60
perk 13	5.17	1.852	60
perk 14	4.37	1.461	60
perk 15	3.70	1.700	60
Total	5.52	1.839	900

Levene's Test of Equality of Error Variances^a

Dependent Variable: warna

F	df1	df2	Sig.
2.857	14	885	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + perlakuan

Tests of Between-Subjects Effects

Dependent Variable: warna

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	712.662 ^a	14	50.904	19.353	.000	.234
Intercept	27467.538	1	27467.538	10446.4	.000	.922
perlakuan	712.662	14	50.904	19.353	.000	.234
Error	2327.800	885	2.630			
Total	30508.000	900				
Corrected Total	3040.462	899				

a. R Squared = .234 (Adjusted R Squared = .222)

Tukey HSD

perlakuan	N	Subset							
		1	2	3	4	5	6	7	8
perk 15	60	3.70							
perk 14	60	4.37	4.37						
perk 2	60		4.88	4.88					
perk 1	60		4.92	4.92					
perk 3	60		5.12	5.12	5.12				
perk 13	60		5.17	5.17	5.17				
perk 4	60		5.17	5.17	5.17				
perk 12	60			5.48	5.48	5.48			
perk 5	60			5.52	5.52	5.52	5.52		
perk 6	60			5.82	5.82	5.82	5.82	5.82	
perk 11	60				6.08	6.08	6.08	6.08	
perk 7	60					6.27	6.27	6.27	6.27
perk 9	60						6.50	6.50	6.50
perk 10	60							6.73	6.73
perk 8	60								7.15
Sig.		.627	.305	.104	.076	.341	.064	.121	.162

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 2.630

Lampiran 10. Hasil Uji Tukey untuk Aroma

Descriptive Statistics

Dependent Variable: aroma

perla...	Mean	Std. Deviation	N
perk 1	4.85	1.655	60
perk 2	4.77	1.294	60
perk 3	5.02	1.479	60
perk 4	4.98	1.157	60
perk 5	5.28	1.354	60
perk 6	5.32	1.557	60
perk 7	5.65	1.471	60
perk 8	6.23	1.345	60
perk 9	5.87	1.241	60
perk 10	6.03	1.327	60
perk 11	5.77	1.240	60
perk 12	5.55	1.281	60
perk 13	4.88	1.290	60
perk 14	4.92	1.225	60
perk 15	4.70	1.499	60
Total	5.32	1.440	900

Levene's Test of Equality of Error Variances^a

Dependent Variable: aroma

F	df1	df2	Sig.
1.113	14	885	.341

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + perlakuan

Tests of Between-Subjects Effects

Dependent Variable: aroma

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	208.482 ^a	14	14.892	7.960	.000	.112
Intercept	25482.801	1	25482.801	1.362E4	.000	.939
perlakuan	208.482	14	14.892	7.960	.000	.112
Error	1655.717	885	1.871			
Total	27347.000	900				
Corrected Total	1864.199	889				

a. R Squared = .112 (Adjusted R Squared = .098)

Tukey HSD

perlakuan	N	Subset					
		1	2	3	4	5	6
perk 15	60	4.70					
perk 2	60	4.77	4.77				
perk 1	60	4.85	4.85	4.85			
perk 13	60	4.88	4.88	4.88			
perk 14	60	4.92	4.92	4.92			
perk 4	60	4.98	4.98	4.98	4.98		
perk 3	60	5.02	5.02	5.02	5.02		
perk 5	60	5.28	5.28	5.28	5.28	5.28	
perk 6	60	5.32	5.32	5.32	5.32	5.32	
perk 12	60		5.55	5.55	5.55	5.55	5.55
perk 7	60			5.65	5.65	5.65	5.65
perk 11	60				5.77	5.77	5.77
perk 9	60					5.87	5.87
perk 10	60					6.03	6.03
perk 8	60						6.23
Sig.		.464	.109	.090	.109	.154	.285

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 1.871.

Tabel 11. Hasil Uji Tukey untuk Rasa

Descriptive Statistics

Dependent Variable: rasa

perla	Mean	Std. Deviation	N
perk 1	4.27	1.635	60
perk 2	4.43	1.691	60
perk 3	5.20	1.685	60
perk 4	5.47	1.420	60
perk 5	5.53	1.578	60
perk 6	5.63	1.262	60
perk 7	6.25	1.480	60
perk 8	7.25	.968	60
perk 9	6.27	1.260	60
perk 10	6.78	1.263	60
perk 11	6.03	1.390	60
perk 12	5.53	1.556	60
perk 13	5.32	1.490	60
perk 14	5.18	1.702	60
perk 15	5.08	1.710	60
Total	5.62	1.667	900

Levene's Test of Equality of Error Variances^a

Dependent Variable: rasa

F	df1	df2	Sig.
3.154	14	885	.000

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.
a. Design: Intercept + perlakuan

Tests of Between-Subjects Effects

Dependent Variable: rasa

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	541.282 ^a	14	38.663	17.478	.000	.217
Intercept	28381.018	1	28381.018	128364	.000	.935
perlakuan	541.282	14	38.663	17.478	.000	.217
Error	1957.700	885	2.212			
Total	30880.000	900				
Corrected Total	2498.982	899				

a. R Squared = .217 (Adjusted R Squared = .204)

Tukey HSD

perlakuan	N	Subset						
		1	2	3	4	5	6	7
perk 1	60	4.27						
perk 2	60	4.43	4.43					
perk 15	60	5.08	5.08	5.08				
perk 14	60	5.18	5.18	5.18	5.18			
perk 3	60		5.20	5.20	5.20			
perk 13	60		5.32	5.32	5.32			
perk 4	60			5.47	5.47	5.47		
perk 12	60			5.53	5.53	5.53		
perk 5	60			5.53	5.53	5.53		
perk 6	60			5.63	5.63	5.63		
perk 11	60				6.03	6.03	6.03	
perk 7	60					6.25	6.25	
perk 9	60					6.27	6.27	
perk 10	60						6.78	6.78
perk 8	60							7.25
Sig.		.054	.078	.783	.110	.178	.270	.927

Means for groups in homogeneous subsets are displayed
Based on observed means.
The error term is Mean Square(Error) = 2.212.

Lampiran 12. Hasil Uji Tukey untuk Tekstur

Descriptive Statistics

Dependent Variable: tekstur

perla	Mean	Std. Deviation	N
perik 1	4.03	1.667	60
perik 2	4.35	1.505	60
perik 3	4.60	1.689	60
perik 4	5.27	1.413	60
perik 5	5.27	1.539	60
perik 6	5.30	1.640	60
perik 7	6.00	1.551	60
perik 8	6.75	1.310	60
perik 9	5.98	1.589	60
perik 10	6.43	1.430	60
perik 11	5.58	1.488	60
perik 12	5.33	1.743	60
perik 13	5.00	1.438	60
perik 14	5.12	1.648	60
perik 15	4.68	1.631	60
Total	5.31	1.707	900

Levene's Test of Equality of Error Variances^a

Dependent Variable: tekstur

F	df1	df2	Sig.
1.157	14	885	.304

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + perlakuan

Tests of Between-Subjects Effects

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	475.540 ^a	14	33.967	14.020	.000	.182
Intercept	25408.360	1	25408.360	1.049E4	.000	.922
perlakuan	475.540	14	33.967	14.020	.000	.182
Error	2144.100	885	2.423			
Total	28028.000	900				
Corrected Total	2619.640	899				

a. R Squared = .182 (Adjusted R Squared = .169)

Tukey HSD

perlakuan	N	Subset						
		1	2	3	4	5	6	7
perik 1	60	4.03						
perik 2	60	4.35	4.35					
perik 3	60	4.60	4.60	4.60				
perik 15	60	4.68	4.68	4.68	4.68			
perik 13	60		5.00	5.00	5.00			
perik 14	60		5.12	5.12	5.12	5.12		
perik 4	60		5.27	5.27	5.27	5.27		
perik 5	60		5.27	5.27	5.27	5.27		
perik 6	60		5.30	5.30	5.30	5.30		
perik 12	60			5.33	5.33	5.33		
perik 11	60				5.58	5.58	5.58	
perik 9	60					5.98	5.98	5.98
perik 7	60					6.00	6.00	6.00
perik 10	60						6.43	6.43
perik 8	60							6.75
Sig		.500	.060	.384	.100	.117	.159	.308

Means for groups in homogeneous subsets are displayed.

Based on observed means.

The error term is Mean Square(Error) = 2.423.

Lampiran 13. Hasil Uji Tukey untuk Warna (L*a*b)

Descriptive Statistics

Dependent Variable: I

Pa...	Mean	Std. Deviation	N
0	75.2222	1.41987	9
1	77.3189	.81902	9
2	75.1156	1.76050	9
3	73.6433	1.77370	9
4	72.9678	1.79242	9
5	73.1844	1.62916	9
6	72.9767	1.47791	9
7	72.7189	1.38710	9
8	72.5878	1.23448	9
9	71.4067	1.87766	9
10	72.2978	1.32839	9
11	70.1978	.98190	9
12	69.6389	.83466	9
13	68.1622	1.54497	9
14	64.2444	1.49424	9
15	55.8800	.34117	9
111	82.0022	1.87278	9
Total	71.7392	5.60080	153

Levene's Test of Equality of Error Variances^a

Dependent Variable: I

F	df1	df2	Sig.
2.007	16	136	.017

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perakuan

Tests of Between-Subjects Effects

Dependent Variable: I

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	4483.072 ^a	16	280.192	133.703	.000	.940
Intercept	787415.371	1	787415.371	375755	.000	1.000
Perlakuan	4483.072	16	280.192	133.703	.000	.940
Error	985.006	136	2.096			
Total	792183.448	153				
Corrected Total	4768.078	152				

a. R Squared = .940 (Adjusted R Squared = .933)

Tukey HSD

Perlakuan	N	Subset												
		1	2	3	4	5	6	7	8	9	10			
15	9	55.8800												
14	9		64.2444											
13	9			68.1622										
12	9			69.6389	69.6389									
11	9			70.1978	70.1978	70.1978								
9	9				71.4067	71.4067	71.4067							
10	9					72.2978	72.2978							
8	9						72.5878	72.5878						
7	9							72.7189	72.7189					
4	9								72.9678	72.9678	72.9678			
6	9									72.9767	72.9767	72.9767		
5	9										73.1844	73.1844	73.1844	
3	9											73.6433	73.6433	73.6433
2	9												75.1156	75.1156
0	9													75.2222
1	9													77.3189
111	9													82.0022
Sig.		1.000	1.000	.207	.442	.054	.100	.052	.034	.114				1.000

Means for groups in homogeneous subsets are displayed
Based on observed means.
The error term is Mean Square(Error) = 2,096.

Descriptive Statistics

Dependent Variable: a

Pe...	Mean	Std. Deviation	N
0	7.6978	.56868	9
1	7.9256	1.32208	9
2	8.6200	.93771	9
3	8.1922	1.36263	9
4	7.9944	.80025	9
5	7.6633	.72679	9
6	7.5478	.84445	9
7	6.2222	.48826	9
8	6.4633	1.56914	9
9	6.2044	.62490	9
10	5.7433	.46016	9
11	4.1756	.74108	9
12	5.4300	.40985	9
13	5.8800	.79834	9
14	5.9633	1.40772	9
15	6.1833	1.13964	9
111	8.5100	.68463	9
Total	6.8480	1.51898	153

Levene's Test of Equality of Error Variances^a

Dependent Variable: a

F	df1	df2	Sig.
2.509	16	136	.002

Tests the null hypothesis that the error variance of the dependent variable is equal across groups

a. Design: Intercept + Pertakuan

Tests of Between-Subjects Effects

Dependent Variable: a

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	229.944 ^a	16	14.372	16.185	.000	.656
Intercept	7175.033	1	7175.033	8.080E3	.000	.983
Pertakuan	229.944	16	14.372	16.185	.000	.656
Error	120.765	136	.888			
Total	7525.742	153				
Corrected Total	350.709	152				

a. R Squared = .656 (Adjusted R Squared = .615)

Tukey HSD

Perla kuan	N	Subset				
		1	2	3	4	5
11	9	4.1756				
12	9	5.4300	5.4300			
10	9		5.7433			
13	9		5.8800			
14	9		5.9633			
15	9		6.1833	6.1833		
9	9		6.2044	6.2044		
7	9		6.2222	6.2222		
8	9		6.4633	6.4633	6.4633	
6	9			7.5478	7.5478	7.5478
5	9			7.6633	7.6633	7.6633
0	9			7.6978	7.6978	7.6978
1	9				7.9256	7.9256
4	9				7.9944	7.9944
3	9					8.1922
111	9					8.5100
2	9					8.6200
Sig.		.290	.635	.070	.063	.571

Means for groups in homogeneous subsets are displayed
Based on observed means
The error term is Mean Square(Error) = .888.

Descriptive Statistics

Dependent Variable: b

Perla kuan	Mean	Std. Deviation	N
0	23.2922	1.69352	9
1	24.5056	1.30785	9
2	24.0778	1.31386	9
3	23.9178	1.05325	9
4	23.5678	1.72088	9
5	21.8300	1.90126	9
6	22.8556	1.80781	9
7	21.1089	1.47266	9
8	20.4378	1.13402	9
9	20.4244	1.60459	9
10	21.0222	1.23028	9
11	20.0256	1.61471	9
12	20.3100	1.91833	9
13	19.5978	1.46001	9
14	19.4467	1.21169	9
15	18.7644	1.24443	9
111	25.5678	1.52360	9
Total	21.8090	2.45429	153

Levene's Test of Equality of Error Variances^a

Dependent Variable: b

F	df1	df2	Sig.
863	15	136	.613

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: b

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	607.110 ^a	16	37.944	16.729	.000	.663
Intercept	72771.464	1	72771.464	3208E4	.000	.996
Perlakuan	607.110	16	37.944	16.729	.000	.663
Error	308.468	136	2.268			
Total	73687.042	153				
Corrected Total	915.578	152				

a. R Squared = .663 (Adjusted R Squared = .623)

Tukey HSD

Perlakuan	N	Subset								
		1	2	3	4	5	6	7	8	
15	9	18.7644								
14	9	19.4467	19.4467							
13	9	19.5978	19.5978							
11	9	20.0256	20.0256							
12	9	20.3100	20.3100							
9	9	20.4244	20.4244	20.4244						
8	9	20.4378	20.4378	20.4378						
10	9	21.0222	21.0222	21.0222	21.0222					
7	9	21.1089	21.1089	21.1089	21.1089	21.1089				
5	9		21.8300	21.8300	21.8300	21.8300	21.8300			
6	9			22.8556	22.8556	22.8556	22.8556	22.8556		
0	9				23.2922	23.2922	23.2922	23.2922	23.2922	
4	9					23.5678	23.5678	23.5678	23.5678	
3	9						23.9178	23.9178	23.9178	
2	9							24.0778	24.0778	
1	9								24.5056	
111	9									25.5678
Sig.		.094	.081	.067	.124	.060	.134	.637	.121	

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 2,268.

Lampiran 14. Hasil Uji Tukey untuk BI (*browning index*)

Descriptive Statistics

Dependent Variable: BI

Pe	Mean	Std. Deviation	N
0	43.99	3.283	9
1	45.03	2.691	9
2	46.51	2.959	9
3	46.84	3.395	9
4	46.40	2.716	9
5	42.57	2.960	9
6	44.62	4.017	9
7	40.05	3.035	9
8	39.05	2.238	9
9	39.55	3.011	9
10	39.62	2.902	9
11	37.41	3.478	9
12	39.77	3.945	9
13	39.66	2.687	9
14	42.33	3.674	9
15	48.39	3.945	9
111	44.40	2.392	9
Total	42.72	4.420	153

Levene's Test of Equality of Error Variances^a

Dependent Variable: BI

F	df1	df2	Sig.
546	16	136	.918

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: BI

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	1593.946 ^a	16	99.622	9.849	.000	.537
Intercept	279184.600	1	279184.600	2760E4	.000	.995
Perlakuan	1593.946	16	99.622	9.849	.000	.537
Error	1375.576	136	10.115			
Total	282154.122	153				
Corrected Total	2969.522	152				

a. R Squared = .537 (Adjusted R Squared = .492)

Tukey HSD

Perlakuan	N	Subset							
		1	2	3	4	5	6		
11	9	37.41							
8	9	39.05	39.05						
9	9	39.55	39.55	39.55					
10	9	39.62	39.62	39.62					
13	9	39.66	39.66	39.66					
12	9	39.77	39.77	39.77	39.77				
7	9	40.05	40.05	40.05	40.05				
14	9	42.33	42.33	42.33	42.33	42.33			
5	9	42.57	42.57	42.57	42.57	42.57			
0	9		43.99	43.99	43.99	43.99	43.99		
111	9			44.40	44.40	44.40	44.40		
6	9			44.62	44.62	44.62	44.62		
1	9				45.03	45.03	45.03		
4	9					46.40	46.40		
2	9						46.51		
3	9							46.84	
15	9								48.39
Sig.		.064	.096	.076	.052	.194	.229		

Means for groups in homogeneous subsets are displayed.
Based on observed means.

The error term is Mean Square(Error) = 10,115

Lampiran 15. Hasil Uji Tukey untuk Tekstur (*hardness*)

Descriptive Statistics

Dependent Variable: Hardness

Perlakuan	Mean	Std. Deviation	N
1	1.1273E1	.6740566	3
2	1.0174E1	.1866396	3
3	1.0016E1	.2730270	3
4	9.5755E0	.3438470	3
5	9.5817E0	.4907582	3
6	9.1684E0	.2060737	3
7	8.5447E0	.4664160	3
8	8.2485E0	.5449839	3
9	7.3756E0	.1994404	3
10	7.2239E0	.3732786	3
11	6.6259E0	.2029660	3
12	6.7207E0	.1504116	3
13	5.3677E0	.2243794	3
14	4.8619E0	.2379382	3
15	3.6567E0	.2953441	3
Total	7.8943E0	2.1450330	45

Levene's Test of Equality of Error Variances^a

Dependent Variable: Hardness

F	df1	df2	Sig.
1.742	14	30	.099

Tests the null hypothesis that the error variance of the dependent variable is equal across groups

a. Design: Intercept + Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: Hardness

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	198.617 ^a	14	14.187	111.012	.000	.981
Intercept	2804.462	1	2804.462	21948.4	.000	.999
Perlakuan	198.617	14	14.187	111.012	.000	.981
Error	3.834	30	.128			
Total	3006.913	45				
Corrected Total	202.451	44				

a. R Squared = .981 (Adjusted R Squared = .972)

Hardness

Tukey HSD

Perlakuan	N	Subset							
		1	2	3	4	5	6	7	8
15	3	3.6567E0							
14	3		4.8619E0						
13	3		5.3677E0						
11	3			6.6259E0					
12	3			6.7207E0					
10	3			7.2239E0	7.2239E0				
9	3			7.3756E0	7.3756E0				
8	3				8.2485E0	8.2485E0			
7	3					8.5447E0	8.5447E0		
6	3						9.1684E0	9.1684E0	9.1684E0
4	3							9.5755E0	9.5755E0
5	3							9.5817E0	9.5817E0
3	3								1.0016E1
2	3								1.0174E1
1	3								1.1273E1
Sig.		1.000	.906	.427	.074	.158	.068	.085	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .128.

Tabel 16. Hasil Uji Tukey untuk Kadar Air

Descriptive Statistics

Dependent Variable: KadarAir

Pe	Mean	Std. Deviation	N
0	79.8033	.92045	3
1	11.3800	.40336	3
2	10.9567	.12583	3
3	10.6133	.10116	3
4	10.0467	.29501	3
5	9.6433	.31660	3
6	9.2733	.23180	3
7	8.6867	.27683	3
8	8.2000	.15716	3
9	7.8667	.01155	3
10	7.2967	.41016	3
11	7.0567	.42442	3
12	6.7633	.28006	3
13	6.0400	.26153	3
14	5.7967	.32130	3
15	5.5233	.06110	3
Total	12.8092	17.57798	48

Levene's Test of Equality of Error Variances^a

Dependent Variable: KadarAir

F	df1	df2	Sig.
2.201	15	32	.030

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perilaku

Tests of Between-Subjects Effects

Dependent Variable: KadarAir

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	14518.348 ^a	15	967.890	7.819E3	.000	1.000
Intercept	7875.588	1	7875.588	6.362E4	.000	.999
Perilaku	14518.348	15	967.890	7.819E3	.000	1.000
Error	3.961	32	.124			
Total	22397.897	48				
Corrected Total	14522.309	47				

a. R Squared = 1,000 (Adjusted R Squared = 1,000)

Tukey HSD

Perilaku	N	Subset													
		1	2	3	4	5	6	7	8	9	10	11	12	13	
15	3	5.5233													
14	3	5.7967	5.7967												
13	3	6.0400	6.0400	6.0400											
12	3		6.7633	6.7633	6.7633										
11	3			7.0567	7.0567	7.0567									
10	3				7.2967	7.2967	7.2967								
9	3					7.8667	7.8667	7.8667							
8	3						8.2000	8.2000	8.2000						
7	3							8.6867	8.6867	8.6867					
6	3								9.2733	9.2733	9.2733				
5	3									9.6433	9.6433	9.6433			
4	3										10.0467	10.0467	10.0467		
3	3											10.6133	10.6133	10.6133	
2	3												10.9567	10.9567	
1	3													11.3800	
0	3														79.8033
Sig.		.899	.108	.074	.076	.308	.170	.290	.117	.377	.106	.163	.391		1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .124

Lampiran 17. Hasil Uji Tukey untuk Kadar Vitamin C (ppm)

Descriptive Statistics

Dependent Variable: VitCppm

Pe...	Mean	Std. Deviation	N
1	7.2575E0	.0133061	3
2	7.0901E0	.1229154	3
3	6.8999E0	.0163775	3
4	6.7939E0	.0609926	3
5	6.6909E0	.0216419	3
6	6.4530E0	.0331362	3
7	6.3424E0	.1033132	3
8	6.1712E0	.0375054	3
9	5.6204E0	.0610489	3
10	5.5000E0	.1467981	3
11	5.1091E0	.0735505	3
12	4.6833E0	.0510922	3
13	4.4856E0	.0718713	3
14	4.3848E0	.1172660	3
15	4.2015E0	.1095155	3
Total	5.8456E0	1.0380639	45

Levene's Test of Equality of Error Variances^a

Dependent Variable: VitCppm

F	df1	df2	Sig.
3.049	14	30	.005

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept + Perlakuan

Tests of Between-Subjects Effects

Dependent Variable: VitCppm

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	47.219 ^a	14	3.373	520.882	.000	.996
Intercept	1537.700	1	1537.700	2.375E5	.000	1.000
Perlakuan	47.219	14	3.373	520.882	.000	.996
Error	.184	30	.006			
Total	1585.114	45				
Corrected Total	47.413	44				

a. R Squared = .996 (Adjusted R Squared = .994)

Tukey HSD

Perlakuan	N	Subset															
		1	2	3	4	5	6	7	8	9	10	11					
15	3	4.2015E0															
14	3	4.3848E0	4.3848E0														
13	3		4.4856E0	4.4856E0													
12	3			4.6833E0													
11	3				5.1091E0												
10	3					5.5000E0											
9	3						5.6204E0										
8	3							6.1712E0									
7	3								6.3424E0								
6	3									6.4530E0							
5	3										6.6909E0						
4	3											6.7939E0					
3	3												6.8999E0				
2	3														7.0901E0		
1	3																7.2575E0
Sig.		.304	.960	.207	1.000	.866	.405	.923	.058	.148	.254	.439					

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .006.