LAMPIRAN

Lampiran 1. Analisis Statistika *Tensile Strength*

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Tensile_Strengthbaru	.047	245	.200*	.989	245	.055

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

a. Lilliefors Significance Correction

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Tensile_Strengthbaru

F	df1	df2	Sig.
1.330	82	162	.063

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

a. Design: Intercept + Karagenan + Kemangi + Gliserol + Karagenan * Kemangi + Karagenan * Gliserol + Kemangi * Gliserol + Karagenan * Kemangi * Gliserol + Ulangan

Tensile_Strengthbaru

Duncan[a,b,c]

Formula	N	Subset																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Formula 1	9	.6967																		
Nori Komersial	2	.7700																		
Formula 2	9		1.4022																	
Formula 3	9			1.8556																
Formula 4	9				2.1378															
Formula 5	9				2.1922															
Formula 6	9					2.3633														
Formula 7	9					2.3844														
Formula 8	9						2.7256													
Formula 9	9							2.9033												
Formula 10	9								3.2244											
Formula 11	9								3.2300											
Formula 12	9									3.3944										
Formula 13	9									3.4244										
Formula 14	9										3.6011									
Formula 15	9										3.6378	3.6378								
Formula 16	9										3.6656	3.6656								
Formula 17	9											3.7256								
Formula 18	9												4.0656							
Formula 19	9												4.1044							
Formula 20	9													4.2911						
Formula 21	9														4.5767					
Formula 22	9															4.7133				
Formula 23	9																5.0978			
Formula 24	9																5.1322			
Formula 25	9																	5.4678		
Formula 26	9																		5.7522	
Formula 27	9																			6.3856
Sig.		.155	1.000	1.000	.290	.681	1.000	1.000	.914	.560	.240	.108	.450	1.000	1.000	1.000	.503	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .011.

a. Uses Harmonic Mean Sample Size = 8.000.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = 0,05.

Tests of Between-Subjects Effects

Dependent Variable: Tensile_Strengthbaru

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	453.084[a]	29	15.624	1474.513	.000
Intercept	589.902	1	589.902	55673.397	.000
Karagenan	53.138	2	26.569	2507.535	.000
Kemangi	10.107	2	5.053	476.917	.000
Gliserol	360.740	2	180.370	17022.840	.000
Karagenan * Kemangi	1.101	4	.275	25.981	.000
Karagenan * Gliserol	8.898	4	2.225	209.946	.000
Kemangi * Gliserol	1.250	4	.313	29.494	.000
Karagenan * Kemangi * Gliserol	2.386	8	.298	28.153	.000
Ulangan	.009	2	.005	.443	.643
Error	2.278	215	.011		
Total	3522.773	245			
Corrected Total	455.362	244			

a. R Squared = .995 (Adjusted R Squared = .994)

Tensile_Strengthbaru

Duncan[a,b,c]

Karagenan	N	Subset			
		1	2	3	4
Nori Komersial	2	.7700			
0.5%	81		2.9751		
1.0%	81			3.5889	
1.5%	81				4.1195
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .011.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Tensile_Strengthbaru

Duncan[a,b,c]

Kemangi	N	Subset			
		1	2	3	4
Nori Komersial	2	.7700			
0 g	81		3.3132		
7,5 g	81			3.5575	
15 g	81				3.8127
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .011.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Tensile_Strengthbaru

Duncan[a,b,c]

Gliserol	N	Subset			
		1	2	3	4
Nori Komersial	2	.7700			
0%	81		2.0735		
0.2%	81			3.5521	
0.4%	81				5.0579
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .011.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Lampiran 2. Analisis Statistika *Elongation to break*

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Elongationtobreakbaru	.049	245	.200*	.991	245	.132

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

a. Lilliefors Significance Correction

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Elongationtobreakbaru

F	df1	df2	Sig.
.731	82	162	.943

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

a. Design: Intercept + Karagenan + Kemangi + Gliserol + Karagenan * Kemangi + Karagenan * Gliserol + Kemangi * Gliserol + Karagenan * Kemangi * Gliserol + Ulangan

Elongation_to_Break

Duncan[a,b,c]

Formula	N	Subset																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Formula 9	9	22.8889																			
Formula 7	9		26.2222																		
Formula 8	9			27.7778																	
Formula 6	9				28.8889																
Nori Komersial	2				29.5000	29.5000															
Formula 21	9					30.0000															
Formula 24	9						31.0000														
Formula 11	9						31.5556	31.5556													
Formula 12	9							32.1111	32.1111												
Formula 15	9							32.3333	32.3333												
Formula 3	9								33.0000	33.0000											
Formula 23	9									33.5556	33.5556										
Formula 18	9										34.2222	34.2222									
Formula 4	9											34.6667	34.6667								
Formula 2	9											35.0000	35.0000								
Formula 10	9												35.3333								
Formula 17	9													36.7778							
Formula 5	9													36.8889							
Formula 25	9													37.0000							
Formula 14	9													37.5556	37.5556						
Formula 13	9														38.0000	38.0000					
Formula 27	9															38.5556	38.5556				
Formula 26	9																39.0000				
Formula 16	9																	40.0000			
Formula 22	9																		41.4444		
Formula 20	9																		42.0000		
Formula 19	9																			44.5556	
Formula 1	9																				47.0000
Sig.		1.000	1.000	1.000	.168	.259	.210	.098	.058	.210	.133	.098	.157	.110	.316	.210	.316	1.000	.210	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .782.

a. Uses Harmonic Mean Sample Size = 8.000.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = 0,05.

Tests of Between-Subjects Effects

Dependent Variable: Elongationtobreakbaru

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	7208.036[a]	29	248.553	315.169	.000
Intercept	71486.214	1	71486.214	90645.657	.000
Karagenan	1173.728	2	586.864	744.153	.000
Kemangi	168.519	2	84.259	106.842	.000
Gliserol	5548.222	2	2774.111	3517.617	.000
Karagenan * Kemangi	3.605	4	.901	1.143	.337
Karagenan * Gliserol	135.679	4	33.920	43.011	.000
Kemangi * Gliserol	38.444	4	9.611	12.187	.000
Karagenan * Kemangi * Gliserol	77.877	8	9.735	12.344	.000
Ulangan	.055	2	.027	.035	.966
Error	169.556	215	.789		
Total	308203.000	245			
Corrected Total	7377.592	244			

a. R Squared = .977 (Adjusted R Squared = .974)

Elongationtobreakbaru

Duncan[a,b,c]

Karagenan	N	Subset			
		1	2	3	4
Nori Komersial	2	29.5000			
1.5%	81		32.4198		
1.0%	81			35.0370	
0.5%	81				37.8025
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .789.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Elongationtobreakbaru

Duncan[a,b,c]

Kemangi	N	Subset			
		1	2	3	4
Nori Komersial	2	29.5000			
15 g	81		34.0370		
7,5 g	81			35.1481	
0 g	81				36.0741
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .789.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Elongationtobreakbaru

Duncan[a,b,c]

Gliserol	N	Subset		
		1	2	3
0.4%	81	29.1975		
Nori Komersial	2	29.5000		
0.2%	81		35.1605	
0%	81			40.9012
Sig.		.512	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .789.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Lampiran 3. Analisis Statistika *Lightness*

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Lightness	.039	245	.200*	.991	245	.159

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

a. Lilliefors Significance Correction

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Lightness

F	df1	df2	Sig.
1.348	82	162	.055

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

a. Design: Intercept + Karagenan + Kemangi + Gliserol + Karagenan * Kemangi + Karagenan * Gliserol + Kemangi * Gliserol + Karagenan * Kemangi * Gliserol + Ulangan

Duncan[a,b,c]

Lightness

Formula	N	Subset																									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Nori Komersial	2	31.4500																									
Formula 27	9		37.3422																								
Formula 18	9			43.3911																							
Formula 24	9				45.8167																						
Formula 15	9					50.1944																					
Formula 9	9						53.0211																				
Formula 21	9							54.3611																			
Formula 6	9								56.4156																		
Formula 12	9									57.2111																	
Formula 3	9										58.1367																
Formula 26	9											59.8478															
Formula 17	9												61.9289														
Formula 23	9												62.1011														
Formula 14	9													65.4022													
Formula 8	9														66.1922												
Formula 25	9														66.7056	66.7056											
Formula 5	9															67.3322											
Formula 11	9																68.5456										
Formula 2	9																	71.3789									
Formula 20	9																		72.5167								
Formula 16	9																			74.3600							
Formula 7	9																				76.2433						
Formula 22	9																					79.4133					
Formula 13	9																						80.1989				
Formula 4	9																							81.6156			
Formula 19	9																								85.4700		
Formula 10	9																									90.1922	
Formula 1	9																										96.3578
Sig.		1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.660	1.000	.191	.111	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .613.

a. Uses Harmonic Mean Sample Size = 8.000.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = .05.

Tests of Between-Subjects Effects

Dependent Variable: Lightness

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	50138.829[a]	29	1728.925	611.968	.000
Intercept	223419.579	1	223419.579	79081.265	.000
Karagenan	6591.081	2	3295.541	1166.485	.000
Kemangi	37081.177	2	18540.588	6562.599	.000
Gliserol	1993.057	2	996.528	352.730	.000
Karagenan * Kemangi	762.391	4	190.598	67.464	.000
Karagenan * Gliserol	289.545	4	72.386	25.622	.000
Kemangi * Gliserol	330.529	4	82.632	29.248	.000
Karagenan * Kemangi * Gliserol	509.860	8	63.732	22.559	.000
Ulangan	1.332	2	.666	.236	.790
Error	607.416	215	2.825		
Total	1108500.488	245			
Corrected Total	50746.245	244			

a. R Squared = .988 (Adjusted R Squared = .986)

Lightness

Duncan[a,b,c]

Karagenan	N	Subset			
		1	2	3	4
Nori komersial	2	31.4500			
1.5%	80		59.7259		
1.0%	82			65.4833	
0.5%	81				72.6856
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 2.825.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Lightness

Duncan[a,b,c]

Kemangi	N	Subset			
		1	2	3	4
Nori komersial	2	31.4500			
15 g	82		50.9296		
7,5 g	81			66.1384	
0 g	80				81.2724
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 2.825.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Lightness

Duncan[a,b,c]

Gliserol	N	Subset			
		1	2	3	4
.0	2	31.4500			
0.4%	81		62.6194		
0.2%	81			65.7138	
0%	81				69.6326
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = 2.825.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Lampiran 4. Analisis Statistika Kadar Air

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Kadar_air	.045	245	.200*	.989	245	.059

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

a. Lilliefors Significance Correction

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Kadar_air

F	df1	df2	Sig.
1.063	82	162	.366

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

a. Design: Intercept + Karagenan + Kemangi + Gliserol + Karagenan * Kemangi + Karagenan * Gliserol + Kemangi * Gliserol + Karagenan * Kemangi * Gliserol + Ulangan

Kadar_air

Duncan[a,b,c]

Formula	N	Subset									
		1	2	3	4	5	6	7	8	9	10
Formula 12	9	7.0944									
Formula 3	9	7.1944									
Formula 6	9	7.3011									
Formula 7	9	7.3356									
Formula 9	9	7.9833	7.9833								
Formula 27	9		8.5222	8.5222							
Formula 21	9		8.7889	8.7889							
Formula 15	10		8.8050	8.8050							
Formula 18	9		8.8722	8.8722	8.8722						
Formula 20	9			9.0889	9.0889	9.0889					
Formula 24	9			9.1389	9.1389	9.1389	9.1389				
Formula 26	9			9.4667	9.4667	9.4667	9.4667	9.4667			
Formula 14	9				9.7778	9.7778	9.7778	9.7778			
Formula 17	9				9.8111	9.8111	9.8111	9.8111			
Formula 8	9					9.8833	9.8833	9.8833			
Formula 11	9					10.0167	10.0167	10.0167			
Formula 2	9					10.0278	10.0278	10.0278			
Formula 4	9						10.1000	10.1000			
Formula 5	9						10.1000	10.1000			
Formula 23	9							10.1556			
Formula 10	9							10.1889			
Nori Komersial	2							10.4000	10.4000		
Formula 19	9								11.1167	11.1167	
Formula 25	9								11.2500	11.2500	
Formula 16	8									11.3250	
Formula 1	9									11.7389	11.7389
Formula 22	9									11.8200	11.8200
Formula 13	9										12.3822
Sig.		.063	.063	.055	.053	.060	.056	.069	.059	.144	.155

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .722.

a. Uses Harmonic Mean Sample Size = 7.994.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Tests of Between-Subjects Effects

Dependent Variable: Kadar_air

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	500.528[a]	29	17.260	24.038	.000
Intercept	5810.755	1	5810.755	8092.753	.000
Karagenan	15.145	2	7.572	10.546	.000
Kemangi	283.638	2	141.819	197.514	.000
Gliserol	34.624	2	17.312	24.110	.000
Karagenan * Kemangi	26.491	4	6.623	9.224	.000
Karagenan * Gliserol	35.982	4	8.995	12.528	.000
Kemangi * Gliserol	39.409	4	9.852	13.721	.000
Karagenan * Kemangi * Gliserol	63.950	8	7.994	11.133	.000
Ulangan	2.322	2	1.161	1.617	.201
Error	154.374	215	.718		
Total	23231.223	245			
Corrected Total	654.903	244			

a. R Squared = .764 (Adjusted R Squared = .732)

Kadar_air

Duncan[a,b,c]

Karagenan	N	Subset	
		1	2
1.5%	80	9.3590	
0.5%	81	9.4728	
1.0%	82	9.9394	9.9394
Nori Komersial	2		10.4000
Sig.		.216	.295

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .718.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Kadar_air

Duncan[a,b,c]

Kemangi	N	Subset 1	Subset 2	Subset 3
15 g	82	8.1965		
7,5 g	81		9.8142	
Nori Komersial	2		10.4000	10.4000
0 g	80			10.7999
Sig.		1.000	.184	.363

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .718.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Kadar_air

Duncan[a,b,c]

Gliserol	N	Subset 1	Subset 2
0%	81	9.0738	
0.2%	81	9.7770	9.7770
0.4%	81	9.9275	9.9275
Nori Komersial	2		10.4000
Sig.		.067	.183

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .718.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Lampiran 5. Analisis Statistika *Solubility*

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Solubility	.047	245	.200*	.991	245	.153

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

a. Lilliefors Significance Correction

Levene's Test of Equality of Error Variances[a]

Dependent Variable: Solubility

F	df1	df2	Sig.
1.165	82	162	.205

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

a. Design: Intercept + karagenan + kemangi + gliserol + karagenan * kemangi + karagenan * gliserol + kemangi * gliserol + karagenan * kemangi * gliserol + ulangan

Solubility

Duncan[a,b,c]

Karagenan	N	Subset 1	Subset 2	Subset 3
Nori Komersial	2	2.0400		
0.5%	81		3.9551	
1.0%	82		4.2098	4.2098
1.5%	80			4.7045
Sig.		1.000	.369	.082

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .298.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Solubility

Duncan[a,b,c]

Kemangi	N	Subset 1	Subset 2
Nori Komersial	2	2.0400	
15 g	82		4.2382
0 g	80		4.2981
7,5 g	81		4.3277
Sig.		1.000	.768

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .298.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Solubility

Duncan[a,b,c]

Gliserol	N	Subset 1	Subset 2	Subset 3	Subset 4
Nori Komersial	2	2.0400			
0%	81		3.2067		
0.2%	81			4.0923	
0.4%	81				5.5642
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .298.

a. Uses Harmonic Mean Sample Size = 7.448.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Solubility

Duncan[a,b,c]

Formula	N	Subset													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
Formula 2	9	.8122													
Formula 3	9		1.3589												
Formula 9	9		1.7633	1.7633											
Nori Komersial	2			2.0400	2.0400										
Formula 6	9			2.2289	2.2289										
Formula 14	9				2.5411	2.5411									
Formula 13	9					2.8278	2.8278								
Formula 8	9						3.1511	3.1511							
Formula 11	9							3.5989							
Formula 15	10							3.6520	3.6520						
Formula 25	9							3.7111	3.7111	3.7111					
Formula 19	9								4.1978	4.1978	4.1978				
Formula 16	8									4.2500	4.2500				
Formula 10	9										4.3078				
Formula 18	9										4.3444				
Formula 7	9										4.5578				
Formula 22	9										4.5922				
Formula 5	9										4.7544				
Formula 20	9										4.7778				
Formula 1	9										4.7778				
Formula 4	9											5.4556			
Formula 12	9											5.5000			
Formula 23	9											5.6522			
Formula 17	9											5.8756	5.8756		
Formula 24	9												6.2456		
Formula 21	9												6.2644		
Formula 27	9													6.8511	
Formula 26	9														7.7856
Sig.		1.000	.140	.109	.084	.296	.238	.062	.060	.063	.074	.165	.182	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Based on observed means.
The error term is Mean Square(Error) = .299.

a. Uses Harmonic Mean Sample Size = 7.994.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

c. Alpha = ,05.

Tests of Between-Subjects Effects

Dependent Variable: Solubility

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	701.171[a]	29	24.178	1004.615	.000
Intercept	997.518	1	997.518	41447.150	.000
karagenan	155.628	2	77.814	3233.199	.000
kemangi	60.903	2	30.452	1265.278	.000
gliserol	269.446	2	134.723	5597.778	.000
karagenan * kemangi	48.699	4	12.175	505.859	.000
karagenan * gliserol	39.960	4	9.990	415.083	.000
kemangi * gliserol	32.872	4	8.218	341.461	.000
karagenan * kemangi * gliserol	86.069	8	10.759	447.025	.000
ulangan	.027	2	.013	.552	.576
Error	5.174	215	.024		
Total	5428.273	245			
Corrected Total	706.345	244			

a. R Squared = .993 (Adjusted R Squared = .992)

1. Uji Sensori

Lampiran 6. Hasil Rekap Data Uji Sensori

Overall

	NK	F21	F23	F24
Windi	8	5	6	7
Ruby	7	7	7	7
Edy	8	6	6	6
Kaka	9	5	6	5
Karminto	8	6	7	5

Aroma

	NK	F21	F23	F24
Windi	7	6	7	7
Ruby	7	5	6	5
Edy	8	6	6	6
Kaka	7	4	6	5
Karminto	7	5	5	5

Tekstur

	NK	F21	F23	F24
Windi	7	6	5	7
Ruby	8	6	4	7
Edy	8	6	6	6
Kaka	9	4	5	6
Karminto	8	5	5	7

Penampilan

	NK	F21	F23	F24
Windi	8	6	7	7
Ruby	6	6	7	7
Edy	8	6	7	6
Kaka	9	4	8	5
Karminto	6	5	5	5

Flavor

	NK	F21	F23	F24
Windi	7	6	6	5
Ruby	8	6	5	5

Edy	8	6	6	7
Kaka	8	4	4	7
Karminto	7	6	6	5

Lampiran 7. Analisis Statistika Uji Sensori

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Overall	.184	20	.073	.917	20	.085

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Aroma	.185	20	.071	.913	20	.072

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Warna	.172	20	.122	.948	20	.344

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Tekstur	.173	20	.117	.950	20	.371

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Penampilan	.183	20	.078	.925	20	.122

a. Lilliefors Significance Correction

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Flavor	.188	20	.061	.925	20	.121

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

Overall

Levene Statistic	df1	df2	Sig.
.899	3	16	.463

Test of Homogeneity of Variances

Aroma

Levene Statistic	df1	df2	Sig.
1.019	3	16	.410

Test of Homogeneity of Variances

Warna

Levene Statistic	df1	df2	Sig.
.600	3	16	.624

Test of Homogeneity of Variances

Tekstur

Levene Statistic	df1	df2	Sig.
.638	3	16	.601

Test of Homogeneity of Variances

Penampilan

Levene Statistic	df1	df2	Sig.
1.600	3	16	.229

Test of Homogeneity of Variances

Flavor

Levene Statistic	df1	df2	Sig.
.063	3	16	.979

Overall

Duncan[a]

Perlakuan	N	Subset for alpha = 0.05	
		1	2
Formula 21	5	5.8000	
Formula 24	5	6.0000	
Formula 23	5	6.4000	
Nori Komersial	5		8.0000
Sig.		.272	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Aroma

Duncan[a]

Perlakuan	N	Subset for alpha = 0.05	
		1	2
Formula 21	5	5.2000	
Formula 24	5	5.6000	
Formula 23	5	6.0000	
Nori Komersial	5		7.2000
Sig.		.125	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Warna

Duncan[a]

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
Formula 23	5	5.0000		
Formula 21	5	5.4000		
Formula 24	5		6.6000	
Nori Komersial	5			8.0000
Sig.		.396	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Tekstur

Duncan[a]

Perlakuan	N	Subset for alpha = 0.05	
		1	2
Formula 21	5	5.4000	
Formula 24	5	6.0000	6.0000
Formula 23	5	6.8000	6.8000
Nori Komersial	5		7.4000
Sig.		.072	.072

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Penampilan

Duncan[a]

Perlakuan	N	Subset for alpha = 0.05	
		1	2
Formula 23	5	5.4000	
Formula 21	5	5.6000	
Formula 24	5	5.8000	
Nori Komersial	5		7.6000
Sig.		.506	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Flavor

Duncan[a]

Perlakuan	N	Subset for alpha = 0.05	
		1	2
Formula 23	5	5.8000	
Formula 21	5	6.2000	
Formula 24	5		7.4000
Nori Komersial	5		7.6000
Sig.		.476	.720

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

PLAGIARISM CHECK.ORG

1.63% PLAGIARISM APPROXIMATELY

Report #10828092

PENDAHULUAN1.1. Latar BelakangTren globalisasi makanan Jepang sudah semakin terlihat perkembangannya di Indonesia. Hal ini telah dibuktikan dengan adanya beberapa inovasi produk makanan Indonsia yang terdiri dari kombinasi antara produk pangan lokal dan impor. Salah satu makanan Jepang yang dimodifikasi di Indonesia adalah Sushi yang terdiri dari nori, nasi sushi dan topping sushi. Hasil modifikasi secara ringkas dapat dilihat pada Tabel 1.

4 5 6 7 Tabel SEQ Tabel * ARABIC 1. Hasil Modifikasi Sushi menggunakan Nori Tahun Inovasi Topping sushi Inovasi nasi sushi Referensi 2015 bakso ayam, ikan teri, tahu, sambal bajak - ADDIN (Fajriana, 2015) 2016 rendang, tempe oreg - ADDIN (Tempo, 2016). 2017 sayuran, kecambah, telur dadar, uyah goreng, daun pepaya - ADDIN ADDIN (Mutinda, 2017) 2018 gudeg - ADDIN (Inibaru, 2018) 2018 - nasi sushi dengan tambahan pewarna biru alami dari bunga telang ADDIN (Limbong, 2018) Inovasi- inovasi tersebut sudah baik karena menggantikan bahan-bahan original Jepang berisikan timun, daging salmon, kulit salmon, selada, omelet, asparagus, lobak asam, jamur, daun sisho, alpukat dan daging kepiting (ADDIN Mouritsen, 2009) dengan produk pangan lokal Indonsia namun di dalam inovasi ini, masih digunakan produk impor seperti Nori. Nori merupakan produk pangan berbentuk lembaran yang sudah mendunia, terbuat

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