7. LAMPIRAN

Lampiran 1. Gambar Produk Es Krim Temulawak

7.1.1. Gambar Produk Es Krim Temulawak *Fresh*

(a) (b) (c)

(d) (e) (f)

Keterangan:

(a): penambahan jeruk nipis 55 g

(b): penambahan jeruk nipis 75 g

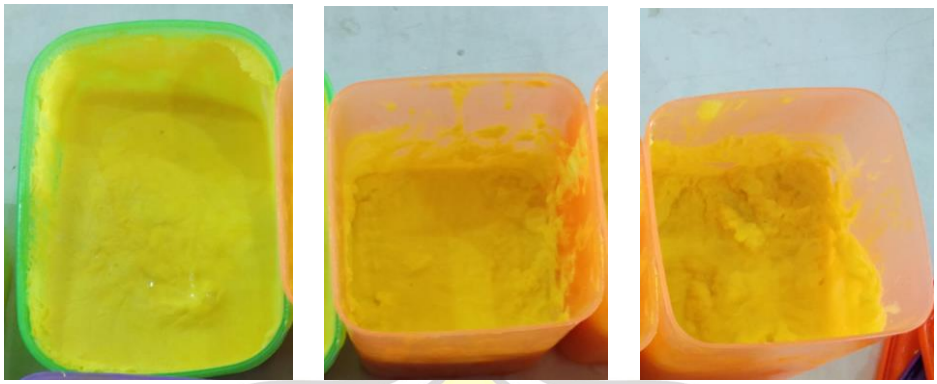
(c): penambahan jeruk nipis 95 g

(d): penambahan jeruk lemon 55 g

(e): penambahan jeruk lemon 75 g

(f): penambahan jeruk lemon 95 g

7.1.2. Gambar Produk Es Krim Temulawak Penyimpanan 7 Hari



(a) (b) (c)

(d) (e) (f)

Keterangan:

(a): penambahan jeruk nipis 55 g
(b): penambahan jeruk nipis 75 g
(c): penambahan jeruk nipis 95 g
(d): penambahan jeruk lemon 55 g
(e): penambahan jeruk lemon 75 g
(f): penambahan jeruk lemon 95 g

Lampiran 2. Pengujian Normalitas

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
overrun	,289	36	,000	,670	36	,000
meltingrate	,152	36	,034	,938	36	,045
timetomelt	,179	36	,005	,929	36	,023
totalpadatan	,214	36	,000	,898	36	,003
ph	,147	36	,048	,952	36	,118

a. Lilliefors Significance Correction

Keterangan: nilai signifikansi ph lebih dari 0,05 (p >0,05) yang artinya data normal dan dapat dilanjutkan analisa dengan spss parametrik. Sevsgkan data tidak normal dianalisa secara non parametrik.

Lampiran 3. Pengujian one way ANOVA

7.3.1. pH Es Krim Temulawak *Fresh*

pH

Duncan

sampelfresh	N	Subset for alpha = 0.05				
		1	2	3	4	5
N 95	3	3,3633				
L 95	3		3,5967			
N 75	3		3,6200			
L 75	3			3,7633		
N 55	3				3,8733	
L 55	3					4,1100
Sig.		1,000	,089	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

7.3.2. pH Es Krim Temulawak Penyimpanan

pHT7

Duncan

sampelT7	N	Subset for alpha = 0.05					
		1	2	3	4	5	6
N 95	3	3,4200					
N 75	3		3,5367				
L 95	3			3,5833			
L 75	3				3,8267		
N 55	3					3,8600	
L 55	3						4,0367
Sig.		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 = 3,000.

Lampiran 4. Pengujian Independent T-test

7.4.1. Nipis 55 g *fresh* vs nipis 55 g penyimpanan

Independent Samples Test

			pH	
			Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		,727	
	Sig.		,442	
t-test for Equality of Means	t		1,265	1,265
	df		4	3,448
	Sig. (2-tailed)		,275	,285
	Mean Difference		,01333	,01333
	Std. Error Difference		,01054	,01054
	95% Confidence Interval of the Difference	Lower	-,01593	-,01788
		Upper	,04260	,04454

7.4.2. Nipis 75 g *fresh* vs nipis 75 g penyimpanan

Independent Samples Test

			pH	
			Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		,727	
	Sig.		,442	
t-test for Equality of Means	t		7,906	7,906
	df		4	3,448
	Sig. (2-tailed)		,001	,003
	Mean Difference		,08333	,08333
	Std. Error Difference		,01054	,01054
	95% Confidence Interval of the Difference	Lower	,05407	,05212
		Upper	,11260	,11454

7.4.3. Nipis 95 g *fresh* vs nipis 95 g penyimpanan

Independent Samples Test

			pH	
			Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		2,286	
	Sig.		,205	
t-test for Equality of Means	t		-4,250	-4,250
	df		4	2,876
	Sig. (2-tailed)		,013	,026
	Mean Difference		-,05667	-,05667
	Std. Error Difference		,01333	,01333
	95% Confidence Interval of the Difference	Lower	-,09369	-,10015
		Upper	-,01965	-,01318

7.4.4. Lemon 55 g *fresh* vs lemon 55 g penyimpanan

Independent Samples Test

			pH	
			Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		,082	
	Sig.		,789	
t-test for Equality of Means	t		5,047	5,047
	df		4	3,741
	Sig. (2-tailed)		,007	,009
	Mean Difference		,07333	,07333
	Std. Error Difference		,01453	,01453
	95% Confidence Interval of the Difference	Lower	,03299	,03187
		Upper	,11367	,11480

7.4.5. Lemon 75 g *fresh* vs lemon 75 g penyimpanan

Independent Samples Test

			pH	
			Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		,000	
	Sig.		1,000	
t-test for Equality of Means	T		-5,078	-5,078
	Df		4	4,000
	Sig. (2-tailed)		,007	,007
	Mean Difference		-,06333	-,06333
	Std. Error Difference		,01247	,01247
	95% Confidence Interval of the Difference	Lower	-,09796	-,09796
		Upper	-,02870	-,02870

7.4.6. Lemon 95 g *Fresh* vs Lemon 95 g Penyimpanan

Independent Samples Test

			pH	
			Equal variances assumed	Equal variances not assumed
Levene's Test for Equality of Variances	F		8,471	
	Sig.		,044	
t-test for Equality of Means	T		,970	,970
	Df		4	2,249
	Sig. (2-tailed)		,387	,424
	Mean Difference		,01333	,01333
	Std. Error Difference		,01374	,01374
	95% Confidence Interval of the Difference	Lower	-,02483	-,03995
		Upper	,05149	,06662

Lampiran 5. Analisa Non Parametrik Es Krim Temulawak

7.5.1. Pengujian *Kruskal Wallis* Es Krim Temulawak *Fresh*

Test Statistics[a,b]

	overrun	melting_rate	time_to_melt	total_padatan
Chi-Square	9,052	14,520	16,162	14,146
df	5	5	5	5
Asymp. Sig.	,107	,013	,006	,015

a. Kruskal Wallis Test

b. Grouping Variable: sampel_fresh

7.5.1.1. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 55 g vs 75 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	3,000
Wilcoxon W	6,000	6,000	9,000
Z	-1,964	-1,964	-,655
Asymp. Sig. (2-tailed)	,050	,050	,513
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,700[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.2. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 55 g vs 95 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	3,000
Wilcoxon W	6,000	6,000	9,000
Z	-1,964	-1,964	-,655
Asymp. Sig. (2-tailed)	,050	,050	,513
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,700[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.3. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 55 g vs Lemon 55 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	4,000	,000	3,000
Wilcoxon W	10,000	6,000	9,000
Z	-,218	-1,964	-,655
Asymp. Sig. (2-tailed)	,827	,050	,513
Exact Sig. [2*(1-tailed Sig.)]	1,000[b]	,100[b]	,700[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.4. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 55 g vs Lemon 75 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.5. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 55 g vs Lemon 95 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	3,000	,000	,000
Wilcoxon W	9,000	6,000	6,000
Z	-,655	-1,993	-1,964
Asymp. Sig. (2-tailed)	,513	,046	,050
Exact Sig. [2*(1-tailed Sig.)]	,700[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.6. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 75 g vs Nipis 95 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	2,000	3,500	,000
Wilcoxon W	8,000	9,500	6,000
Z	-1,091	-,443	-1,964
Asymp. Sig. (2-tailed)	,275	,658	,050
Exact Sig. [2*(1-tailed Sig.)]	,400[b]	,700[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.7. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 75 g vs Lemon 55 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	2,000
Wilcoxon W	6,000	6,000	8,000
Z	-1,964	-1,964	-1,091
Asymp. Sig. (2-tailed)	,050	,050	,275
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,400[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.8. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 75 g vs Lemon 75 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.9. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 75 g vs Lemon 95 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,993	-1,964
Asymp. Sig. (2-tailed)	,050	,046	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.10. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 95 g vs Lemon 55 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.11. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 95 g vs Lemon 75 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.12. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Nipis 95 g vs Lemon 95 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,993	-1,964
Asymp. Sig. (2-tailed)	,050	,046	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.13. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Lemon 55 g vs Lemon 75 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.14. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Lemon 55 g vs Lemon 95 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	3,000	,000	,000
Wilcoxon W	9,000	6,000	6,000
Z	-,655	-1,993	-1,964
Asymp. Sig. (2-tailed)	,513	,046	,050
Exact Sig. [2*(1-tailed Sig.)]	,700[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.1.15. Pengujian *Mann Whitney* Es Krim *Fresh* Penambahan Lemon 75 g vs Lemon 95 g

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,993	-1,964
Asymp. Sig. (2-tailed)	,050	,046	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_fresh

b. Not corrected for ties.

7.5.2. Pengujian *Kruskal Wallis* Es Krim Temulawak Penyimpanan

Test Statistics[a,b]

	overrun	melting_rate	time_to_melt	total_padatan
Chi-Square	3,379	15,690	16,579	13,101
Df	5	5	5	5
Asymp. Sig.	,642	,008	,005	,022

a. Kruskal Wallis Test

b. Grouping Variable: sampel_penyimpanan

7.5.2.1. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 55 g vs 75 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	2,000
Wilcoxon W	6,000	6,000	8,000
Z	-1,964	-1,964	-1,091
Asymp. Sig. (2-tailed)	,050	,050	,275
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,400[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.2. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 55 g vs 95 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.3. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 55 g vs Lemon 55 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.4. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 55 g vs Lemon 75 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	2,000
Wilcoxon W	6,000	6,000	8,000
Z	-1,964	-1,964	-1,091
Asymp. Sig. (2-tailed)	,050	,050	,275
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,400[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.5. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 55 g vs Lemon 95 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.6. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 75 g vs Nipis 95 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.7. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 75 g vs Lemon 55 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	3,000
Wilcoxon W	6,000	6,000	9,000
Z	-1,964	-1,964	-,655
Asymp. Sig. (2-tailed)	,050	,050	,513
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,700[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.8. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 75 g vs Lemon 75 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	4,000
Wilcoxon W	6,000	6,000	10,000
Z	-1,964	-1,964	-,218
Asymp. Sig. (2-tailed)	,050	,050	,827
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	1,000[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.9. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 75 g vs Lemon 95 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.10. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 95 g vs Lemon 55 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.11. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 95 g vs Lemon 75 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	3,000	,000	,000
Wilcoxon W	9,000	6,000	6,000
Z	-,655	-1,964	-1,964
Asymp. Sig. (2-tailed)	,513	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,700[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.12. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 95 g vs Lemon 95 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.13. Pengujian *Mann Whitney* Es Krim Penambahan Lemon 55 g vs Lemon 75 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	3,500
Wilcoxon W	6,000	6,000	9,500
Z	-1,964	-1,964	-,443
Asymp. Sig. (2-tailed)	,050	,050	,658
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,700[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.14. Pengujian *Mann Whitney* Es Krim Penambahan Lemon 55 g vs Lemon 95 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.2.15. Pengujian *Mann Whitney* Es Krim Penambahan Lemon 75 g vs Lemon 95 g Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel_penyimpanan

b. Not corrected for ties.

7.5.3. Pengujian *Kruskal Wallis* Es Krim Temulawak *Fresh* vs Penyimpanan

Test Statistics[a,b]

	overrun	melting_rate	time_to_melt	total_padatan
Chi-Square	13,552	34,027	34,682	28,966
df	11	11	11	11
Asymp. Sig.	,259	,000	,000	,002

a. Kruskal Wallis Test

b. Grouping Variable: sampel

7.5.3.1. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 55 g *Fresh* vs Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	2,000
Wilcoxon W	6,000	6,000	8,000
Z	-1,964	-1,964	-1,091
Asymp. Sig. (2-tailed)	,050	,050	,275
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,400[b]

a. Grouping Variable: sampel

b. Not corrected for ties.

7.5.3.2. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 75 g *Fresh* vs Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	4,000
Wilcoxon W	6,000	6,000	10,000
Z	-1,964	-1,964	-,218
Asymp. Sig. (2-tailed)	,050	,050	,827
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	1,000[b]

a. Grouping Variable: sampel

b. Not corrected for ties.

7.5.3.3. Pengujian *Mann Whitney* Es Krim Penambahan Nipis 95 g *Fresh* vs Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	1,000
Wilcoxon W	6,000	6,000	7,000
Z	-1,964	-1,993	-1,528
Asymp. Sig. (2-tailed)	,050	,046	,127
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,200[b]

a. Grouping Variable: sampel

b. Not corrected for ties.

7.5.3.4. Pengujian *Mann Whitney* Es Krim Penambahan Lemon 55 g *Fresh* vs Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel

b. Not corrected for ties.

7.5.3.5. Pengujian *Mann Whitney* Es Krim Penambahan Lemon 75 g *Fresh* vs Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,964	-1,964
Asymp. Sig. (2-tailed)	,050	,050	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel

b. Not corrected for ties.

7.5.3.6. Pengujian *Mann Whitney* Es Krim Penambahan Lemon 95 g *Fresh* vs Penyimpanan

Test Statistics[a]

	melting_rate	time_to_melt	total_padatan
Mann-Whitney U	,000	,000	,000
Wilcoxon W	6,000	6,000	6,000
Z	-1,964	-1,993	-1,964
Asymp. Sig. (2-tailed)	,050	,046	,050
Exact Sig. [2*(1-tailed Sig.)]	,100[b]	,100[b]	,100[b]

a. Grouping Variable: sampel

b. Not corrected for ties.

Lampiran 6. Pengujian *Kruskal wallis* sensori

7.6.1. Analisa Sensori *Fresh*

Test Statistics[a,b]

	overall	rasa	warna	aroma	Tekstur
Chi-Square	1,714	5,115	,895	1,701	2,649
Df	5	5	5	5	5
Asymp. Sig.	,887	,402	,971	,889	,754

a. Kruskal Wallis Test

b. Grouping Variable: sampel

7.6.2. Analisa Sensori Penyimpanan

Test Statistics[a,b]

	overall	rasa	warna	aroma	Tekstur
Chi-Square	6,670	9,733	1,493	2,325	6,034
Df	5	5	5	5	5
Asymp. Sig.	,246	,083	,914	,803	,303

a. Kruskal Wallis Test

b. Grouping Variable: sampel

Lampiran 7. Total Skoring Analisa Sensori Es Krim Temulawak

7.7.1. Total skoring analisa Sensori es krim *fresh*

sampel	*overall*	rasa	warna	aroma	tekstur
nipis 55 g	92	80	119	95	93
nipis 75 g	100	94	116	101	94
nipis 95 g	96	92	113	96	101
lemon 55 g	94	92	116	94	95
lemon 75 g	99	94	114	98	101
lemon 95 g	99	95	116	99	91

7.7.2. Total Skoring Analisa Sensori Es Krim Setelah Disimpan 7 Hari

sampel	*overall*	rasa	warna	aroma	tekstur
nipis 55 g	93	88	110	97	88
nipis 75 g	101	98	111	99	100
nipis 95 g	107	107	111	100	108
lemon 55 g	107	101	113	101	99
lemon 75 g	108	108	112	106	101
lemon 95 g	96	91	107	98	96

PLAGIARISM CHECK.ORG

6.67% PLAGIARISM APPROXIMATELY

Report #10277436

PENDAHULUAN Latar Belakang Penelitian Temulawak merupakan salah satu rempah yang sering digunakan sebagai obat tradisional. Temulawak mengandung senyawa kurkuminoid yang merupakan zat warna kuning (Ayu, 2008). Selain berfungsi sebagai zat warna, kurkuminoid juga bermanfaat sebagai zat antiinflamasi, memiliki aktivitas hipokolesterolemik dan antioksidan (Fujiwara et al., 2008). Untuk memanfaatkan temulawak secara efektif dilakukan dengan mengambil oleoresin temulawak. Oleoresin merupakan cairan kental, pasta atau semi padat, yang memiliki aroma dan rasa sesuai dengan bahan yang diekstrak. Oleoresin digunakan sebagai bahan baku flavor pada industri makanan dan sebagai bahan baku obat (Theresia et al., 2016). Temulawak memiliki banyak manfaat kesehatan jika dikonsumsi secara rutin, sementara itu kebanyakan masyarakat masih beranggapan temulawak sebagai jamu dan kurang menyukai rasa dan baunya. Maka dari itu diperlukan produk yang dapat meningkatkan selera untuk mengkonsumsi olahan temulawak, salah satunya adalah produk es krim. Produk es krim dipilih sebagai pengembangan olahan temulawak karena banyak disukai masyarakat diberbagai tingkatan usia. Es krim yang ditambahkan dengan minyak oleoresin ekstrak temulawak memiliki rasa yang kurang disukai karena kandungan xanthorrhizol dalam temulawak yang menyebabkan rasa