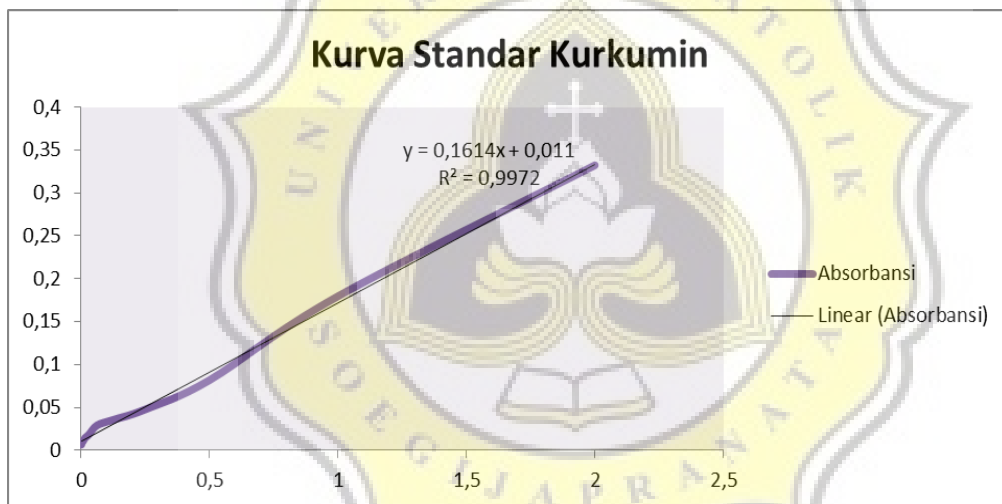


7. LAMPIRAN

7.1. Lampiran 1. Kurva Standar Kurkumin

Konsentrasi (ppm)	Absorbansi
2	0,3324
1	0,1796
0,5	0,0818
0,25	0,0477
0,125	0,0355
0,0625	0,0291
0,03125	0,0186
0,015625	0,0144
0,0078125	0,0103
0,00390625	0,0095
0,001953125	0,0068



7.2. Lampiran 2. Tabel Hasil Uji Normalitas

7.2.1. Uji Normalitas Cooking Time, Cooking Loss, Kadar Air, Warna, pH, dan Kadar Kurkumin

Tests of Normality ^{c,d}							
	perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
cooking_time	Kontrol	,202	9	,200	,898	9	,242
	B 0,25	,167	9	,200	,962	9	,817
	B 0,5	,121	9	,200	,988	9	,993
	B 0,75	,191	9	,200	,909	9	,308
	B 1	,228	9	,194	,868	9	,117
	A 0,25	,185	9	,200	,906	9	,287
	A 0,5	,173	9	,200	,902	9	,264
	A 0,75	,155	9	,200	,922	9	,405
	A 1	,153	9	,200	,959	9	,788
cooking_loss	Kontrol	,210	9	,200	,914	9	,343
	B 0,25	,145	9	,200	,953	9	,726
	B 0,5	,188	9	,200	,894	9	,219
	B 0,75	,122	9	,200	,966	9	,854
	B 1	,240	9	,143	,852	9	,079
	A 0,25	,153	9	,200	,959	9	,788
	A 0,5	,155	9	,200	,922	9	,405
	A 0,75	,173	9	,200	,902	9	,264
	A 1	,185	9	,200	,906	9	,287
kadar_air	Kontrol	,207	9	,200	,953	9	,726
	B 0,25	,231	9	,181	,907	9	,298
	B 0,5	,194	9	,200	,891	9	,206
	B 0,75	,155	9	,200	,940	9	,586
	B 1	,270	9	,057	,867	9	,113
	A 0,25	,126	9	,200	,963	9	,834
	A 0,5	,150	9	,200	,955	9	,746
	A 0,75	,148	9	,200	,924	9	,423
	A 1	,210	9	,200	,932	9	,496
warna_L	Kontrol	,185	9	,200	,916	9	,359
	B 0,25	,186	9	,200	,900	9	,250
	B 0,5	,282	9	,038	,880	9	,158
	B 0,75	,221	9	,200	,844	9	,064
	B 1	,170	9	,200	,940	9	,582
	A 0,25	,159	9	,200	,949	9	,677
	A 0,5	,211	9	,200	,936	9	,536
	A 0,75	,213	9	,200	,936	9	,544
	A 1	,234	9	,167	,905	9	,279
warna_a	Kontrol	,175	9	,200	,902	9	,261
	B 0,25	,200	9	,200	,912	9	,327
	B 0,5	,137	9	,200	,976	9	,942
	B 0,75	,243	9	,132	,833	9	,048
	B 1	,181	9	,200	,925	9	,434
	A 0,25	,215	9	,200	,883	9	,169
	A 0,5	,134	9	,200	,955	9	,747
	A 0,75	,249	9	,114	,883	9	,168
	A 1	,161	9	,200	,937	9	,549
warna_b	Kontrol	,182	9	,200	,918	9	,379
	B 0,25	,145	9	,200	,985	9	,984
	B 0,5	,272	9	,053	,886	9	,180
	B 0,75	,205	9	,200	,943	9	,618
	B 1	,150	9	,200	,963	9	,833
	A 0,25	,229	9	,192	,892	9	,211
	A 0,5	,172	9	,200	,899	9	,245
	A 0,75	,184	9	,200	,935	9	,531

pH	A 1	,210	9	,200 [*]	,923	9	,417
	Kontrol	,191	9	,200 [*]	,921	9	,399
	B 0,25	,194	9	,200 [*]	,901	9	,256
	B 0,5	,231	9	,184	,865	9	,107
	B 0,75	,121	9	,200 [*]	,979	9	,958
	B 1	,213	9	,200 [*]	,915	9	,356
	A 0,25	,149	9	,200 [*]	,915	9	,350
	A 0,5	,260	9	,081	,888	9	,191
	A 0,75	,157	9	,200 [*]	,892	9	,210
	A 1	,130	9	,200 [*]	,962	9	,816
kurkumin	Kontrol	,179	9	,200 [*]	,888	9	,188
	B 0,25	,145	9	,200 [*]	,945	9	,639
	B 0,5	,189	9	,200 [*]	,906	9	,290
	A 0,25	,211	9	,200 [*]	,931	9	,493
	A 0,5	,163	9	,200 [*]	,900	9	,254
	A 0,75	,183	9	,200 [*]	,898	9	,240
	A 1	,248	9	,116	,801	9	,021

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

a. Lilliefors Significance Correction

c. kurkumin is constant when perlakuan = B 0,75. It has been omitted.

d. kurkumin is constant when perlakuan = B 1. It has been omitted.

7.2.2. Uji Normalitas Tensile Strength

Tests of Normality							
	perlakuan	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
tensile_strength	Kontrol	,128	30	,200 [*]	,949	30	,156
	B 0,25	,130	30	,200 [*]	,941	30	,097
	B 0,5	,140	30	,138	,935	30	,065
	B 0,75	,193	30	,006	,938	30	,079
	B 1	,132	30	,195	,938	30	,079
	A 0,25	,097	30	,200 [*]	,955	30	,233
	A 0,5	,106	30	,200 [*]	,963	30	,369
	A 0,75	,166	30	,034	,918	30	,024
	A 1	,091	30	,200 [*]	,960	30	,303

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

a. Lilliefors Significance Correction

7.3. Lampiran 3. Hasil Analisa SPSS(One Way Anova)

7.3.1. Cooking Time

cooking_time_soda_abu

Duncan

perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
B 1	9	376,3333				
B 0,75	9		433,6667			
B 0,5	9			447,3333		
B 0,25	9				456,4444	
kontrol	9					549,5556
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

cooking_time_asam_askorbat

Duncan

perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
A 1	9	454,6667				
A 0,75	9		508,8889			
A 0,5	9			523,2222		
A 0,25	9				536,5556	
kontrol	9					549,5556
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

7.3.2. Cooking Loss**cooking_loss_soda_abu**

Duncan

perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
B 1	9	8,80467				
B 0,75	9		9,37356			
B 0,5	9			11,10467		
B 0,25	9				11,83233	
Kontrol	9					12,16433
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

cooking_loss_asam_askorbat

Duncan

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
A 0,25	9	12,03622			
Kontrol	9	12,16433			
A 0,5	9		13,77200		
A 0,75	9			14,24811	
A 1	9				16,27233
Sig.		,554	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

7.3.3. Tensile Strength

tensile_strength_soda_abu

Duncan

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
Kontrol	30	508,08717			
B 0,25	30		598,20630		
B 0,5	30		656,43890	656,43890	
B 0,75	30			689,55493	
B 1	30				761,93537
Sig.		1,000	,086	,328	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 30,000.

tensile_strength_asam_askorbat

Duncan

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
A 1	30	345,84363			
A 0,75	30		422,16933		
A 0,5	30		454,35157	454,35157	
A 0,25	30			470,52757	470,52757
Kontrol	30				508,08717
Sig.		1,000	,122	,435	,071

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 30,000.

7.3.4. Kadar Air

kadar_air_soda_abu

Duncan

perlakuan	N	Subset for alpha = 0.05
		1
B 0,25	9	9,3878
B 0,75	9	9,4227
B 1	9	9,5079
B 0,5	9	9,5276
kontrol	9	9,5436
Sig.		,203

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

kadar_air_asam_askorbat

Duncan

perlakuan	N	Subset for alpha = 0.05
		1
A 0,75	9	9,3840
A 0,5	9	9,4867
A 0,25	9	9,5273
kontrol	9	9,5436
A 1	9	9,5591
Sig.		,072

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

7.3.5. Warna**L_soda_abu**

Duncan

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
B 1	9	36,1456			
B 0,75	9		42,8200		
B 0,5	9		43,4989		
B 0,25	9			47,8833	
Kontrol	9				51,5922
Sig.		1,000	,086	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

L_asam_askorbat

Duncan

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
kontrol	9	51,5922			
A 0,25	9		55,9167		
A 0,5	9			63,9722	
A 0,75	9			64,1700	
A 1	9				65,9900
Sig.		1,000	1,000	,649	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

a_soda_abu

Duncan

perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
Kontrol	9	1,6278				
B 0,25	9		7,9767			
B 0,5	9			11,7111		
B 0,75	9				12,7122	
B 1	9					13,3222
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

a_asam_askorbat

Duncan

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
A 1	9	-2,1633			
A 0,75	9		-1,4489		
A 0,5	9		-1,4144		
A 0,25	9			-,3278	
Kontrol	9				1,6278
Sig.		1,000	,764	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

b_soda_abu

Duncan

perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
B 1	9	9,4756				
B 0,75	9		11,1667			
B 0,5	9			12,3111		
B 0,25	9				19,7611	
Kontrol	9					37,7478
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

b_asam_askorbat

Duncan

perlakuan	N	Subset for alpha = 0.05			
		1	2	3	4
Kontrol	9	37,7478			
A 0,25	9		41,2178		
A 0,5	9			46,5156	
A 0,75	9			46,7178	
A 1	9				48,5478
Sig.		1,000	1,000	,692	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

7.3.6. pH

pH_soda_abu

Duncan

perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
Kontrol	9	6,6867				
B 0,25	9		8,1922			
B 0,5	9			8,8656		
B 0,75	9				9,1433	
B 1	9					9,5867
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

pH_asam_askorbat

Duncan

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
A 1	9	4,3567		
A 0,75	9	4,4544		
A 0,5	9	4,5300		
A 0,25	9		5,8889	
Kontrol	9			6,6867
Sig.		,076	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

7.3.7. Kadar Kurkumin

kurkumin_soda_abu

Duncan

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
B 0,75	9	,0000		
B 1	9	,0000		
B 0,5	9	1,5145		
B 0,25	9		58,1991	
Kontrol	9			108,0132
Sig.		,263	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

kurkumin_asam_askorbat

Duncan

perlakuan	N	Subset for alpha = 0.05				
		1	2	3	4	5
A 0,25	9	65,7097				
A 0,5	9		73,8125			
A 0,75	9			90,3828		
Kontrol	9				108,0132	
A 1	9					151,1634
Sig.		1,000	1,000	1,000	1,000	1,000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

7.4. Uji Korelasi (Pearson)

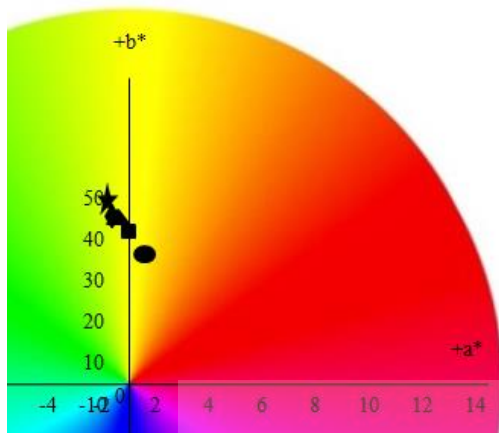
Correlations

		L	a	b	pH	kurkumin
L	Pearson Correlation	1	-,946**	,955**	-,982**	,833**
	Sig. (2-tailed)		,000	,000	,000	,000
	N	81	81	81	81	81
a	Pearson Correlation	-,946**	1	-,993**	,971**	-,878**
	Sig. (2-tailed)	,000		,000	,000	,000
	N	81	81	81	81	81
b	Pearson Correlation	,955**	-,993**	1	-,981**	,875**
	Sig. (2-tailed)	,000	,000		,000	,000
	N	81	81	81	81	81
pH	Pearson Correlation	-,982**	,971**	-,981**	1	-,840**
	Sig. (2-tailed)	,000	,000	,000		,000
	N	81	81	81	81	81
kurkumin	Pearson Correlation	,833**	-,878**	,875**	-,840**	1
	Sig. (2-tailed)	,000	,000	,000	,000	
	N	81	81	81	81	81

** . Correlation is significant at the 0.01 level (2-tailed).

7.5. Lampiran 4. Spektrum Warna Mi Non Terigu

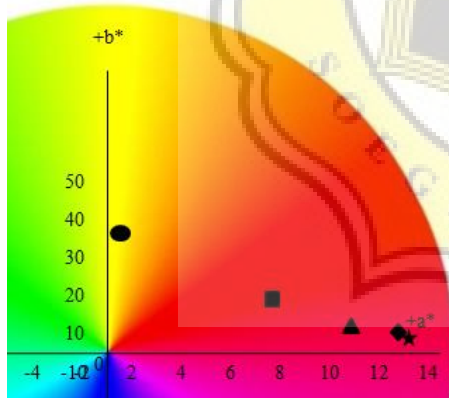
7.5.1. Mi Non Terigu dengan Penambahan Asam Askorbat



Keterangan :


- = kontrol
- = asam askorbat 0,25%
- ▲ = asam askorbat 0,5%
- ◆ = asam askorbat 0,75%
- ★ = asam askorbat 1 %

7.5.2. Mi Non Terigu dengan Penambahan Soda Abu



Keterangan :

- = kontrol
- = soda abu 0,25%
- ▲ = soda abu 0,5%
- ◆ = soda abu 0,75%
- ★ = soda abu 1 %

9,7 

FORMULIR SCAN ANTI PLAGIARISME

Nama : Regina Tania Tejo Hutomo

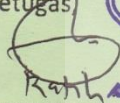
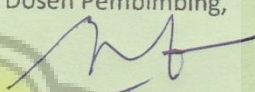
Alamat email : reginatania.1403@gmail.com

Fak. / Prodi : Tek Pangan NIM : 13.70.0074

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dengan judul : Pengaruh Penambahan Asam Askorbat dan Soda Abu Terhadap Karakteristik Fisikokimia Mikering Non Terigu dengan Ekstrak Kulit Kayu Manis sebagai Pewarna Alami

Semarang, 14 Desember 2017

Petugas :  ang Menyerahkan, Dosen Pembimbing, 

Regina Tania

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- ✓ [16] (18 matches, 0.0%/1.6%) from a PlagScan document of your organisation...ervina Yenni .pdf" dated 2016-07-15
- ✓ [17] (17 matches, 0.0%/1.3%) from your PlagScan document "Ananta_Levi...n_dan_Jenis_.docx" dated 2017-07-24
(+ 2 documents with identical matches)
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- ✓ [21] (16 matches, 0.0%/1.3%) from your PlagScan document "Anastasia_P...ik_Fisikokim.docx" dated 2017-10-18
- ✓ [22] (16 matches, 0.0%/1.4%) from your PlagScan document "Gabryella_S...N_JAMBU_BIJ.docx" dated 2017-07-25
- ✓ [23] (14 matches, 0.1%/1.5%) from a PlagScan document of your organisation...ia Kristanti.docx" dated 2016-07-11