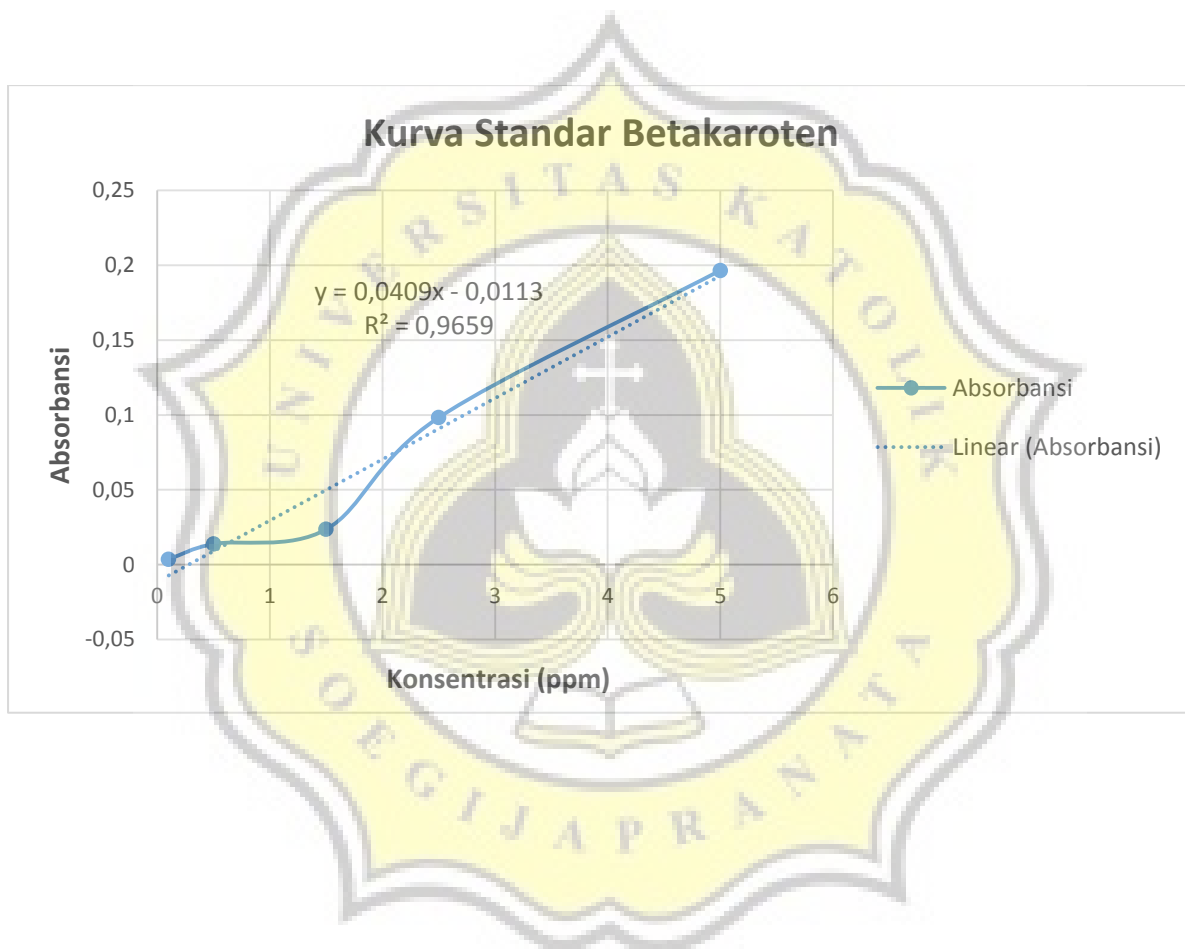


7. LAMPIRAN

Lampiran 1. Kurva Standar Betakaroten

Konsentrasi (ppm)	Absorbansi
0,1	0,0036
0,5	0,0138
1,5	0,0236
2,5	0,0983
5	0,1966



Tests of Normality

	VAR00001	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
Betakaroten	Kontrol	.221	6	.200*	.973	6	.913
	DH	.189	6	.200*	.915	6	.470
	FD	.227	6	.200*	.879	6	.265
Antioksidan	Kontrol	.196	6	.200*	.968	6	.879
	DH	.243	6	.200*	.906	6	.411
	FD	.159	6	.200*	.941	6	.666
pH	Kontrol	.171	6	.200*	.966	6	.863
	DH	.205	6	.200*	.961	6	.830
	FD	.205	6	.200*	.873	6	.238
Kadarair	Kontrol	.162	6	.200*	.928	6	.561
	DH	.213	6	.200*	.956	6	.785
	FD	.305	6	.084	.885	6	.291
Hardness	Kontrol	.214	6	.200*	.904	6	.396
	DH	.191	6	.200*	.932	6	.596
	FD	.172	6	.200*	.947	6	.713
Springiness	Kontrol	.313	6	.067	.844	6	.141
	DH	.290	6	.126	.830	6	.108
	FD	.204	6	.200*	.959	6	.816
L	Kontrol	.340	6	.059	.808	6	.099
	DH	.257	6	.200*	.835	6	.119
	FD	.299	6	.099	.834	6	.117
a	Kontrol	.287	6	.133	.837	6	.123
	DH	.290	6	.125	.840	6	.131
	FD	.121	6	.200*	.983	6	.964
b	Kontrol	.125	6	.200*	.985	6	.975
	DH	.237	6	.200*	.858	6	.182
	FD	.231	6	.200*	.893	6	.332
Sineresishari1	Kontrol	.219	6	.200*	.869	6	.224
	DH	.281	6	.149	.859	6	.186
	FD	.275	6	.175	.876	6	.252
Sineresishari2	Kontrol	.197	6	.200*	.891	6	.326
	DH	.251	6	.200*	.892	6	.329
	FD	.181	6	.200*	.921	6	.510
Sineresishari3	Kontrol	.246	6	.200*	.862	6	.196
	DH	.286	6	.135	.838	6	.125
	FD	.267	6	.200*	.892	6	.330

Lampiran 2. Tabel Hasil Uji Normalitas

Lampiran 3. Hasil Analisis Ragam Satu Arah (*One Way ANOVA*) dengan Uji Beda *Post Hoc* metode Duncan

a. Tepung Labu Kuning

a.1. Analisis Betakaroten

Betakaroten

Duncan^a

VAR00001	N	Subset for alpha = 0.05				
		1	2	3	4	5
Kontrol	6	1.3363				
DH 0,05%	6		9.4393			
DH 0,1%	6		10.4285			
DH 0,3%	6			12.0669		
DH 0,2%	6				14.4108	
FD	6					16.9185
Sig.		1.000	.074	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

a.2. Analisis Antioksidan

Antioksidan

Duncan^a

VAR00001	N	Subset for alpha = 0.05			
		1	2	3	4
Kontrol	6	21.0500			
DH 0,05%	6		41.0917		
DH 0,1%	6		43.6967	43.6967	
DH 0,3%	6		44.6733	44.6733	
DH 0,2%	6			46.2417	
FD	6				50.8567
Sig.		1.000	.107	.249	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

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

a. Lilliefors Significance Correction

b. Sampel *Jelly Labu Kuning*

b.1. Analisis Tekstur

b.1.1. Hardness

HardnessDuncan^a

VAR00001	N	Subset for alpha = 0.05	
			1
FD	6		137.9087
DH	6		140.7177
Kontrol	6		141.0870
Sig.			.371

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

b.1.2. Springiness

SpringinessDuncan^a

VAR00001	N	Subset for alpha = 0.05	
			1
Kontrol	6		4.7091
FD	6		4.8883
DH	6		5.0129
Sig.			.119

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

b.2. Analisis Warna

b.2.1. L

L

Duncan^a

VAR00001	N	Subset for alpha = 0.05		
		1	2	3
Kontrol	6	26.8267		
FD	6		31.3583	
DH	6			37.1783
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

b.2.2. a

a

Duncan^a

VAR00001	N	Subset for alpha = 0.05		
		1	2	3
Kontrol	6	-.3867		
DH	6		-.2933	
FD	6			.2367
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

b.2.3. b

b

Duncan^a

VAR00001	N	Subset for alpha = 0.05		
		1	2	3
Kontrol	6	1.9700		
DH	6		5.3217	
FD	6			10.6917
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

c. Analisis Sineresis

c.1. Sineresis hari 1

Sineresis hari 1Duncan^a

VAR00001	N	Subset for alpha = 0.05	
		1	2
DH	6	15.6500	
FD	6	15.7200	
Kontrol	6		17.8683
Sig.		.864	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

c.2. Sineresis hari 2

Sineresis hari 2Duncan^a

VAR00001	N	Subset for alpha = 0.05	
		1	2
DH	6	22.9483	
FD	6	23.1633	
Kontrol	6		25.7917
Sig.		.741	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

c.3. Sineresis hari 3

Sineresis hari 3Duncan^a

VAR00001	N	Subset for alpha = 0.05	
		1	2
DH	6	28.9767	
FD	6	29.7133	29.7133
Kontrol	6		31.3417
Sig.		.395	.072

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

d. Analisis pH

pH

Duncan^a

VAR00001	N	Subset for alpha = 0.05
		1
Kontrol	6	3.5083
FD	6	3.5167
DH	6	3.5183
Sig.		.552

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

e. Analisis Betakaroten

Betakaroten

Duncan^a

VAR00001	N	Subset for alpha = 0.05		
		1	2	3
Kontrol	6	.1007		
DH	6		.3565	
FD	6			.8637
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

f. Analisis Antioksidan

Antioksidan

Duncan^a

VAR00001	N	Subset for alpha = 0.05		
		1	2	3
Kontrol	6	2.6450		
DH	6		4.9733	
FD	6			7.9283
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

g. Analisis Kadar Air

Kadarair

Duncan^a

VAR00001	N	Subset for alpha = 0.05
		1
DH	6	88.4050
FD	6	88.5050
Kontrol	6	88.6050
Sig.		.215

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

Lampiran 4. Korelasi Warna, Betakaroten, dan Antioksidan pada *Jelly* Labu Kuning

Correlations

		Betakaroten	Antioksidan	L	a	b
Betakaroten	Pearson Correlation	1	.973**	.255	.977**	.988**
	Sig. (2-tailed)		.000	.307	.000	.000
	N	18	18	18	18	18
Antioksidan	Pearson Correlation	.973**	1	.340	.927**	.967**
	Sig. (2-tailed)	.000		.168	.000	.000
	N	18	18	18	18	18
L	Pearson Correlation	.255	.340	1	.065	.300
	Sig. (2-tailed)	.307	.168		.797	.226
	N	18	18	18	18	18
a	Pearson Correlation	.977**	.927**	.065	1	.953**
	Sig. (2-tailed)	.000	.000	.797		.000
	N	18	18	18	18	18
b	Pearson Correlation	.988**	.967**	.300	.953**	1
	Sig. (2-tailed)	.000	.000	.226	.000	
	N	18	18	18	18	18

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

Lampiran 5. Scoresheet Jelly Labu Kuning

UJI RATING HEDONIK

Nama Panelis : Tanggal :

Produk : *Jelly Labu Kuning*

Instruksi:

Berkumur-kumurlah sebelum melakukan pengujian sampel.

Dihadapan Anda terdapat 3 sampel *Jelly* labu kuning. Cicipi sampel secara berurutan dari kiri ke kanan, rasakan masing-masing. Setelah mencicipi semua sampel, Anda boleh mengulang sesering yang Anda perlukan. berikan penilaian dari yang paling Anda sangat tidak suka (=1), tidak suka (=2), biasa saja (=3), suka (=4) dan sangat suka (=5)

Atribut	Kode		
Warna			
Aroma			
Rasa			
Tekstur			
Overall			

Lampiran 6. Hasil analisa Sensori SPSS Jelly Labu Kuning dengan perbedaan penggunaan tepung labu kuning

a. Kruskal Wallis

- Uji Beda Nyata / Tidak

Test Statistics^{a,b}

	Warna	Aroma	Rasa	Tekstur	Overall
Chi-Square	39.662	16.941	7.983	2.371	28.814
df	2	2	2	2	2
Asymp. Sig.	.000	.000	.018	.306	.000
Monte Carlo Sig. Sig.	.000 ^c	.000 ^c	.016 ^c	.306 ^c	.000 ^c
95% Confidence Interval Lower Bound	.000	.000	.014	.297	.000
Upper Bound	.000	.000	.019	.315	.000

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

c. Based on 10000 sampled tables with starting seed 2000000.

b. Uji Mann Whitney

- Warna

- Kontrol – DH

	Warna
Mann-Whitney U	112.000
Wilcoxon W	577.000
Z	-5.202
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

- Kontrol – FD

	Warna
Mann-Whitney U	106.500
Wilcoxon W	571.500
Z	-5.217
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

- DH - FD

	Warna
Mann-Whitney U	258.500
Wilcoxon W	723.500
Z	-2.973
Asymp. Sig. (2-tailed)	.003

a. Grouping Variable: Perlakuan

- Aroma

- Kontrol – DH

	Aroma
Mann-Whitney U	235.000
Wilcoxon W	700.000
Z	-3.370
Asymp. Sig. (2-tailed)	.001

a. Grouping Variable: Perlakuan

- Kontrol – FD

	Aroma
Mann-Whitney U	208.000
Wilcoxon W	673.000
Z	-3.816
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

- DH – FD

	Aroma
Mann-Whitney U	433.000
Wilcoxon W	898.000
Z	-.268
Asymp. Sig. (2-tailed)	.788

a. Grouping Variable: Perlakuan

- Rasa

- Kontrol – DH

	Rasa
Mann-Whitney U	281.000
Wilcoxon W	746.000
Z	-2.581
Asymp. Sig. (2-tailed)	.010

a. Grouping Variable: Perlakuan

- Kontrol – FD

	Rasa
Mann-Whitney U	314.000
Wilcoxon W	779.000
Z	-2.085
Asymp. Sig. (2-tailed)	.037

a. Grouping Variable: Perlakuan

- DH – FD

	Rasa
Mann-Whitney U	389.000
Wilcoxon W	854.000
Z	-.957
Asymp. Sig. (2-tailed)	.339

a. Grouping Variable: Perlakuan

- Overall

- Kontrol – DH

	Overall
Mann-Whitney U	128.000
Wilcoxon W	593.000
Z	-5.019
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

o Kontrol – FD

	Overall
Mann-Whitney U	193.000
Wilcoxon W	658.000
Z	-4.024
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

o DH – FD

	Overall
Mann-Whitney U	369.000
Wilcoxon W	834.000
Z	-1.309
Asymp. Sig. (2-tailed)	.190

a. Grouping Variable: Perlakuan

Lampiran 7. Korelasi Atribut Sensori

Correlations

		Warna	Aroma	Rasa	Tekstur	Overall
Warna	Pearson Correlation	1	.332**	.188	.090	.394**
	Sig. (2-tailed)		.001	.077	.398	.000
	N	90	90	90	90	90
Aroma	Pearson Correlation	.332**	1	.310**	.049	.461**
	Sig. (2-tailed)	.001		.003	.649	.000
	N	90	90	90	90	90
Rasa	Pearson Correlation	.188	.310**	1	.315**	.621**
	Sig. (2-tailed)	.077	.003		.002	.000
	N	90	90	90	90	90
Tekstur	Pearson Correlation	.090	.049	.315**	1	.277**
	Sig. (2-tailed)	.398	.649	.002		.008
	N	90	90	90	90	90
Overall	Pearson Correlation	.394**	.461**	.621**	.277**	1
	Sig. (2-tailed)	.000	.000	.000	.008	
	N	90	90	90	90	90

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

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