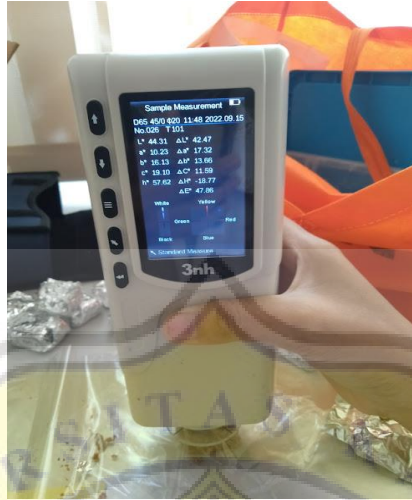


## LAMPIRAN

### Lampiran 1. Analisis Warna menggunakan *Chromameter*



### Lampiran 2. Analisis Tekstur (*Hardness*) menggunakan *Texture Analyzer*



Lampiran 3. Analisis Kadar Air *Snack Bar*



Lampiran 4. Analisis Kadar Abu *Snack Bar*



Lampiran 5. Analisis Kadar Lemak *Snack Bar*



Lampiran 6. Analisis Kadar Protein *Snack Bar*



Lampiran 7. Analisis Kadar Serat Kasar *Snack Bar*



## Lampiran 8. Lembar Penilaian Uji Kesukaan Panelis

**Lembar Penilaian Uji Kesukaan Panelis**

Produk : Snack bar hasil formulasi tepung pisang dan tepung kacang kratok

Nama Panelis :

Instruksi :

1. Terdapat 3 sampel dihadapan anda, ciciplah sampel tersebut satu-persatu
2. Netralkan indra pengecap anda dengan berkumur air putih setiap memulai dan selesai mencicipi masing-masing sampel
3. Beri penilaian terhadap 3 sampel tersebut dengan mengamati setiap parameter yang tersaji dalam tabel dan mencicipi sampel secara urut dari kiri ke kanan
4. Nyatakan penilaian anda sesuai dengan kriteria (angka 1-5 seperti pada keterangan di bawah) sesuai dengan kolom kode masing-masing sampel

Parameter	Kode Sampel		
Warna			
Rasa			
Aroma			
Tekstur			
Keseluruhan			

## Keterangan Kriteria Penilaian:

1. Sangat Tidak Suka
2. Tidak Suka
3. Netral
4. Suka
5. Sangat Suka

Lampiran 9. Uji Normalitas Data Analisis Fisik dan Kimia *Snack Bar*

		Tests of Normality					
		Kolmogorov-Smirnov <sup>a</sup>			Shapiro-Wilk		
	Perlakuan	Statistic	df	Sig.	Statistic	df	Sig.
Warna_L	F1	.215	6	.200*	.898	6	.364
	F2	.217	6	.200*	.931	6	.587
	F3	.250	6	.200*	.896	6	.350
Warna_a	F1	.270	6	.195	.896	6	.348
	F2	.255	6	.200*	.905	6	.407
	F3	.169	6	.200*	.979	6	.948
Warna_b	F1	.173	6	.200*	.954	6	.774
	F2	.231	6	.200*	.835	6	.118
	F3	.248	6	.200*	.830	6	.108
Tekstur	F1	.274	3	.	.945	3	.546
	F2	.382	3	.	.757	3	.015
	F3	.216	3	.	.989	3	.796
Kadar_Air	F1	.231	6	.200*	.936	6	.627
	F2	.255	6	.200*	.937	6	.632
	F3	.201	6	.200*	.938	6	.640
Kadar_Abu	F1	.179	6	.200*	.971	6	.900
	F2	.321	6	.053	.890	6	.320
	F3	.280	6	.153	.862	6	.195
Kadar_Lemak	F1	.191	6	.200*	.908	6	.421
	F2	.208	6	.200*	.944	6	.692
	F3	.261	6	.200*	.841	6	.133
Kadar_Protein	F1	.247	6	.200*	.886	6	.296
	F2	.197	6	.200*	.925	6	.541
	F3	.153	6	.200*	.975	6	.924
Kadar_Karbohidrat	F1	.296	6	.110	.911	6	.445
	F2	.242	6	.200*	.894	6	.342
	F3	.245	6	.200*	.870	6	.225
Kadar_Serat_Kasar	F1	.187	6	.200*	.978	6	.944
	F2	.276	6	.172	.879	6	.262
	F3	.401	6	.003	.681	6	.004
Kalori	F1	.215	6	.200*	.966	6	.862
	F2	.186	6	.200*	.940	6	.662
	F3	.184	6	.200*	.957	6	.799

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

a. Lilliefors Significance Correction

Lampiran 10. Uji Homogenitas Data Analisis Fisik dan Kimia *Snack Bar***Test of Homogeneity of Variances**

		Levene Statistic	df1	df2	Sig.
Warna_L	Based on Mean	7.010	2	15	.007
	Based on Median	4.503	2	15	.029
	Based on Median and with adjusted df	4.503	2	6.571	.059
	Based on trimmed mean	7.039	2	15	.007
Warna_a	Based on Mean	8.763	2	15	.003
	Based on Median	7.206	2	15	.006
	Based on Median and with adjusted df	7.206	2	13.685	.007
	Based on trimmed mean	8.738	2	15	.003
Warna_b	Based on Mean	3.818	2	15	.046
	Based on Median	3.201	2	15	.070
	Based on Median and with adjusted df	3.201	2	12.151	.076
	Based on trimmed mean	3.809	2	15	.046
Tekstur	Based on Mean	4.311	2	6	.069
	Based on Median	1.050	2	6	.406
	Based on Median and with adjusted df	1.050	2	3.410	.441
	Based on trimmed mean	3.946	2	6	.081
Kadar_Air	Based on Mean	3.733	2	15	.048
	Based on Median	3.248	2	15	.067
	Based on Median and with adjusted df	3.248	2	11.962	.075
	Based on trimmed mean	3.718	2	15	.049
Kadar_Abu	Based on Mean	.167	2	15	.848
	Based on Median	.163	2	15	.851
	Based on Median and with adjusted df	.163	2	10.985	.852
	Based on trimmed mean	.167	2	15	.848
Kadar_Lemak	Based on Mean	.478	2	15	.629
	Based on Median	.436	2	15	.655
	Based on Median and with adjusted df	.436	2	11.770	.657
	Based on trimmed mean	.477	2	15	.630
Kadar_Protein	Based on Mean	.559	2	15	.583

	Based on Median	.450	2	15	.646
	Based on Median and with adjusted df	.450	2	13.946	.646
	Based on trimmed mean	.559	2	15	.583
Kadar_Karbohidrat	Based on Mean	.570	2	15	.577
	Based on Median	.108	2	15	.898
	Based on Median and with adjusted df	.108	2	10.323	.899
	Based on trimmed mean	.502	2	15	.615
Kadar_Serat_Kasar	Based on Mean	1.203	2	15	.328
	Based on Median	1.466	2	15	.262
	Based on Median and with adjusted df	1.466	2	10.793	.273
	Based on trimmed mean	1.317	2	15	.297
Kalori	Based on Mean	.124	2	15	.884
	Based on Median	.121	2	15	.887
	Based on Median and with adjusted df	.121	2	12.346	.887
	Based on trimmed mean	.124	2	15	.884

Lampiran 11. Uji Uji *One Way ANOVA* dan *Duncan Uji* Fisik dan Kimia *Snack Bar*

		<b>ANOVA</b>				
		Sum of Squares	df	Mean Square	F	Sig.
Warna_L	Between Groups	31.541	2	15.771	3.639	.051
	Within Groups	65.014	15	4.334		
	Total	96.556	17			
Warna_a	Between Groups	9.624	2	4.812	4.465	.030
	Within Groups	16.165	15	1.078		
	Total	25.790	17			
Warna_b	Between Groups	.850	2	.425	.070	.933
	Within Groups	91.604	15	6.107		
	Total	92.454	17			
Tekstur	Between Groups	634315.259	2	317157.630	86.258	.000
	Within Groups	22061.139	6	3676.857		
	Total	656376.398	8			
Kadar_Air	Between Groups	1.464	2	.732	.442	.651
	Within Groups	24.824	15	1.655		
	Total	26.289	17			
Kadar_Abu	Between Groups	.208	2	.104	2.391	.126

	Within Groups	.651	15	.043		
	Total	.859	17			
Kadar_Lemak	Between Groups	1.883	2	.941	.705	.510
	Within Groups	20.022	15	1.335		
	Total	21.905	17			
Kadar_Protein	Between Groups	47.181	2	23.590	29.334	.000
	Within Groups	12.063	15	.804		
	Total	59.243	17			
Kadar_Karbohidrat	Between Groups	80.498	2	40.249	8.249	.004
	Within Groups	73.186	15	4.879		
	Total	153.684	17			
Kadar_Serat_Kasar	Between Groups	10.999	2	5.499	1.350	.289
	Within Groups	61.126	15	4.075		
	Total	72.124	17			
Kalori	Between Groups	14.421	2	7.211	.992	.394
	Within Groups	108.978	15	7.265		
	Total	123.399	17			

### Warna\_a

Duncan<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05	
		1	2
F3	6	11.08667	
F2	6		12.45833
F1	6		12.77000
Sig.		1.000	.611

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

### Tekstur

Duncan<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05		
		1	2	3
F1	3	669.35667		
F2	3		1016.61333	
F3	3			1319.13333
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.



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

### Kadar\_Protein

Duncan<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05	
		1	2
F3	6	8.25567	
F2	6		11.22150
F1	6		12.01850
Sig.		1.000	.145

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

### Kadar\_Karbohidrat

Duncan<sup>a</sup>

Perlakuan	N	Subset for alpha = 0.05	
		1	2
F1	6	58.42983	
F2	6	58.50333	
F3	6		62.95217
Sig.		.955	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6,000.

Lampiran 12. Uji *Kruskal-Wallis* dan Uji *Mann-Whitney* Analisis Sensori

### Test Statistics<sup>a,b</sup>

	Warna	Rasa	Aroma	Tekstur	Keseluruhan
Kruskal-Wallis H	15.715	34.748	1.210	5.026	15.755
df	2	2	2	2	2
Asymp. Sig.	.000	.000	.546	.081	.000

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

F1 vs F2

### Test Statistics<sup>a</sup>

	Warna
Mann-Whitney U	355.000
Wilcoxon W	820.000

Z	-1.566
Asymp. Sig. (2-tailed)	.117

a. Grouping Variable: Perlakuan

F1 vs F3

**Test Statistics<sup>a</sup>**

	Warna
Mann-Whitney U	220.000
Wilcoxon W	685.000
Z	-3.653
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

F2 vs F3

**Test Statistics<sup>a</sup>**

	Warna
Mann-Whitney U	285.000
Wilcoxon W	750.000
Z	-2.751
Asymp. Sig. (2-tailed)	.006

a. Grouping Variable: Perlakuan

F1 vs F2

**Test Statistics<sup>a</sup>**

	Rasa
Mann-Whitney U	220.500
Wilcoxon W	685.500
Z	-3.557
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

F1 vs F3

**Test Statistics<sup>a</sup>**

	Rasa
Mann-Whitney U	107.500
Wilcoxon W	572.500
Z	-5.239
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

F2 vs F3

**Test Statistics<sup>a</sup>**

	Rasa
Mann-Whitney U	221.500
Wilcoxon W	686.500
Z	-3.654
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

F1 vs F2

**Test Statistics<sup>a</sup>**

	Rasa
Mann-Whitney U	221.500
Wilcoxon W	686.500
Z	-3.654
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

F1 vs F3

**Test Statistics<sup>a</sup>**

	Rasa
Mann-Whitney U	221.500
Wilcoxon W	686.500
Z	-3.654
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

F2 vs F3

**Test Statistics<sup>a</sup>**

	Rasa
Mann-Whitney U	221.500
Wilcoxon W	686.500
Z	-3.654
Asymp. Sig. (2-tailed)	.000

a. Grouping Variable: Perlakuan

## Lampiran 13. Hasil Plagiasi

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 Summary