

Lampiran 1. Perhitungan formulasi *food bar*

Bahan		F1	F2	F3	F4
		10:10:10	15:10:05	10:15:05	15:15:00
Tepung Sukun	100 g	10 g	15 g	10 g	15 g
Protein (g)	2,82	0,282	0,423	0,282	0,423
Lemak (g)	0,38	0,038	0,057	0,038	0,057
Karbohidrat (g)	85,68	8,568	12,852	8,568	12,852
Energi (kkal)	357,26	35,726	53,589	35,726	53,589
Tepung Kacang Koro Pedang	100 g	10 g	10 g	15 g	15 g
Protein (g)	37,61	3,761	3,761	5,6415	5,6415
Lemak (g)	4,49	0,449	0,449	0,6735	0,6735
Karbohidrat (g)	36,7	3,67	3,67	5,505	5,505
Energi (kkal)	337,65	33,765	33,765	50,6475	50,6475
Tepung Labu Kuning	100 g	10 g	5 g	5 g	-
Protein (g)	15,69	1,569	0,7845	0,7845	
Lemak (g)	1,62	0,162	0,081	0,081	
Karbohidrat (g)	4,28	0,428	0,214	0,214	
Energi (kkal)	94,46	9,446	4,723	4,723	
Gula	100 g	12 g	12 g	12 g	12 g
Protein (g)					
Lemak (g)					
Karbohidrat (g)	94	11,28	11,28	11,28	11,28
Energi (kkal)	394	47,28	47,28	47,28	47,28
Margarin	100 g	8 g	8 g	8 g	8 g
Protein (g)	0,6	0,048	0,048	0,048	0,048
Lemak (g)	81	6,48	6,48	6,48	6,48
Karbohidrat (g)	0,4	0,032	0,032	0,032	0,032
Energi (kkal)	720	57,6	57,6	57,6	57,6
Susu Full Cream	100 g	10 g	10 g	10 g	10 g
Protein (g)	27	2,7	2,7	2,7	2,7
Lemak (g)	26	2,6	2,6	2,6	2,6
Karbohidrat (g)	40	4	4	4	4
Energi (kkal)	502	50,2	50,2	50,2	50,2
TOTAL		F1	F2	F3	F4
Protein (g)		8,36	7,9165	9,456	8,8125
Lemak (g)		9,729	9,667	9,8725	9,8105
Karbohidrat (g)		27,978	32,048	29,599	33,669
Energi (kkal)		234,017	247,157	246,1765	259,3165

Lampiran 2. Formulir uji hedonik

Kode Panelis:

Formulir Uji Hedonik

Nama Panelis :

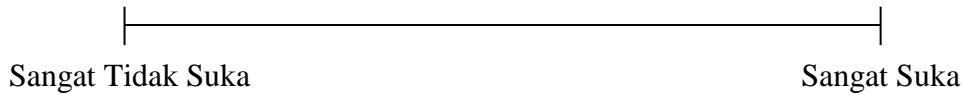
Tanggal :

Di hadapan Anda disajikan sampel *food bar*. Anda diminta untuk memberikan penilaian terhadap warna, aroma, rasa, tekstur dan tingkat kesukaan secara keseluruhan dengan ketentuan:

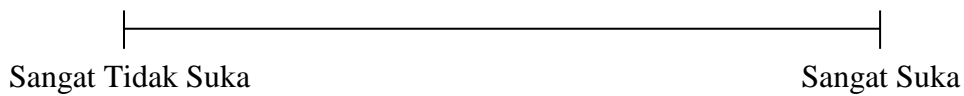
1. Beri tanda garis vertikal (I) pada garis yang telah disediakan pada masing-masing kategori pengukuran sesuai penilaian Anda.
2. Silahkan minum/berkumur terlebih dahulu sebelum menilai sampel berikutnya.
3. Mohon untuk **tidak membandingkan** antar sampel.

Kode Sampel :

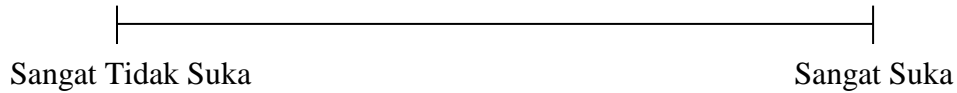
Warna *food bar*



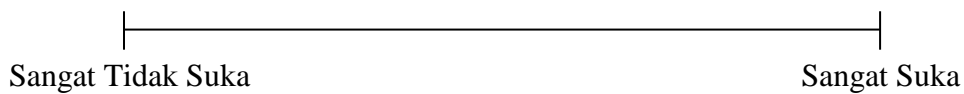
Aroma *food bar*



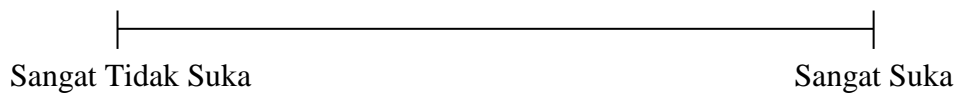
Rasa *food bar*



Tekstur *food bar*



Tingkat Kesukaan Keseluruhan



Komentar

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Lampiran 3. Formulir uji mutu hedonik

Kode Panelis:

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Formulir Uji Mutu Hedonik

Nama Panelis :

Tanggal :

Di hadapan Anda disajikan sampel *food bar*. Berikan penilaian Anda terhadap warna, aroma, rasa, dan tekstur dengan ketentuan sebagai berikut:

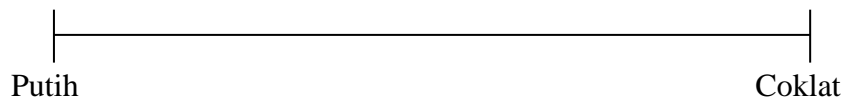
1. Beri tanda garis vertikal (I) pada garis yang telah disediakan pada masing-masing kategori pengukuran sesuai penilaian Anda.
2. Silahkan minum atau berkumur terlebih dahulu sebelum Anda menilai sampel berikutnya.
3. Mohon **tidak membandingkan** antar sampel.

Kode Sampel:

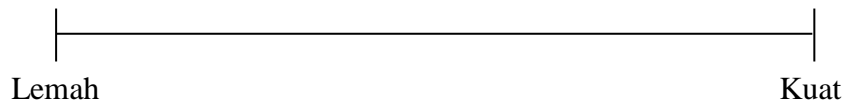
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Mutu Hedonik

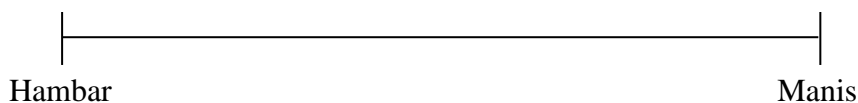
Warna *food bar*



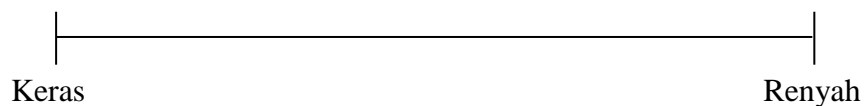
Aroma *food bar*



Rasa *food bar*



Tekstur *food bar*





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Telp. (021) 5674223 Fax (021) 5674248

LEMBAR PERSETUJUAN PANELIS
(INFORMED CONSENT)

Saya yang bertanda tangan di bawah ini :

Nama :

Umur :

Fakultas/Jurusan :

Menyatakan bersedia menjadi panelis penelitian dari :

Nama : Novita Sari

NIM : 2013-32-071

Judul : **Analisis Daya Terima dan Nilai Gizi *Food bar* dengan Campuran Tepung Sukun (*Arthocarpus altitis*), Tepung Labu Kuning (*Cucurbita moschata*) dan Tepung Kacang Koro Pedang (*Canavalia ensiformis*) sebagai Pangan Alternatif Darurat Bencana**

Saya telah mendapat penjelasan dari peneliti mengenai tujuan penelitian ini. Saya mengerti bahwa penelitian ini tidak akan membahayakan diri saya. Identitas dan jawaban yang akan saya berikan akan dijaga kerahasiaannya dan hanya diperlukan sebagai bahan penelitian.

Demikian surat pernyataan ini saya tandatangani secara sadar dan tanpa ada paksaan dari pihak manapun.

Jakarta,

2017

Panelis

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DAFTAR HADIR PANELIS
UJI ORGANOLEPTIK FOOD BAR

No.	NAMA	ANGKATAN	TTD
1.	Cynthia Bella A	2016	CyA
2.	Fitti Handayani	2016	FH
3.	Suci ANEGRANI	2016	Suc
4.	Hapsah widawiyah Sg	2016	HWS
5.	Dhika Mulyasari	2016	Dm
6.	Dyah Ayu Varendika	2016	DyAV
7.	Ramadhani Tiara	2016	Rt
8.	Widi Astri	2016	WA
9.	Zahrah Nk	2016	ZN
10.	Yolan gempita sari	2016	YG
11.	Noesy Martinda	2016	NM
12.	Sindy Arianty	2016	SA
13.	Peri Risma Yanti	2016	PR
14.	Ferona	2016	F
15.	Nimas Aguestine Prata-S.	2016	NAP
16.	Dumk Naul	2016	DN
17.	Okta Diana Pramono	2016	OD
18.	Sumarti Daulay	2016	SD
19.	Mutiara Rizki Ialima	2016	MR
20.	Sisi Mumpri	2013	SM
21.	Miftahul Hassana	2016	MH
22.	Katasha Ona Purba	2016	KOP
23.	Syarifah F. Fuzri	2013	SFF
24.	Lully Forhadony	2013	LF
25.	Kevin Triyadi	2013	KT
26.	Viki Riyantama	2014	VR
27.	Dita Mayangsari	2013	DM
28.	Tania Diana Putri	2013	TD
29.	S. A. Nisa	2013	SAN
30.	Camelia Susanti	2013	CS

Lampiran 6. Hasil Output SPSS Uji Organoleptik

Uji Hedonik

Oneway

Descriptives

Warna Food Bar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula1	25	53.96	14.132	2.826	48.13	59.79	28	78
Formula2	25	65.24	9.270	1.854	61.41	69.07	49	92
Formula3	25	61.20	12.550	2.510	56.02	66.38	34	82
Formula4	25	75.80	9.566	1.913	71.85	79.75	58	89
Total	100	64.05	13.878	1.388	61.30	66.80	28	92

ANOVA

Warna Food Bar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	6235.230	3	2078.410	15.550	.000
Within Groups	12831.520	96	133.662		
Total	19066.750	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Warna Food Bar

Bonferroni

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula1	Formula2	-11.280*	3.270	.005	-20.09	-2.47
	Formula3	-7.240	3.270	.175	-16.05	1.57
	Formula4	-21.840*	3.270	.000	-30.65	-13.03
Formula2	Formula1	11.280*	3.270	.005	2.47	20.09
	Formula3	4.040	3.270	1.000	-4.77	12.85
	Formula4	-10.560*	3.270	.010	-19.37	-1.75
Formula3	Formula1	7.240	3.270	.175	-1.57	16.05
	Formula2	-4.040	3.270	1.000	-12.85	4.77
	Formula4	-14.600*	3.270	.000	-23.41	-5.79
Formula4	Formula1	21.840*	3.270	.000	13.03	30.65
	Formula2	10.560*	3.270	.010	1.75	19.37
	Formula3	14.600*	3.270	.000	5.79	23.41

*. The mean difference is significant at the 0.05 level.

Oneway

Descriptives

Aroma Food Bar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula1	25	63.96	7.062	1.412	61.04	66.88	49	76
Formula2	25	74.56	9.417	1.883	70.67	78.45	58	89
Formula3	25	57.64	11.658	2.332	52.83	62.45	30	78
Formula4	25	61.32	12.466	2.493	56.17	66.47	34	82
Total	100	64.37	12.011	1.201	61.99	66.75	30	89

ANOVA

Aroma Food Bar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3964.990	3	1321.663	12.299	.000
Within Groups	10316.320	96	107.462		
Total	14281.310	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Aroma Food Bar

Bonferroni

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula1	Formula2	-10.600*	2.932	.003	-18.50	-2.70
	Formula3	6.320	2.932	.202	-1.58	14.22
	Formula4	2.640	2.932	1.000	-5.26	10.54
Formula2	Formula1	10.600*	2.932	.003	2.70	18.50
	Formula3	16.920*	2.932	.000	9.02	24.82
	Formula4	13.240*	2.932	.000	5.34	21.14
Formula3	Formula1	-6.320	2.932	.202	-14.22	1.58
	Formula2	-16.920*	2.932	.000	-24.82	-9.02
	Formula4	-3.680	2.932	1.000	-11.58	4.22
Formula4	Formula1	-2.640	2.932	1.000	-10.54	5.26
	Formula2	-13.240*	2.932	.000	-21.14	-5.34
	Formula3	3.680	2.932	1.000	-4.22	11.58

*. The mean difference is significant at the 0.05 level.

Oneway

Descriptives

Rasa Food Bar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula1	25	67.56	5.723	1.145	65.20	69.92	57	83
Formula2	25	71.04	6.093	1.219	68.52	73.56	60	83
Formula3	25	52.96	8.239	1.648	49.56	56.36	37	64
Formula4	25	58.36	10.606	2.121	53.98	62.74	42	78
Total	100	62.48	10.623	1.062	60.37	64.59	37	83

ANOVA

Rasa Food Bar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5167.120	3	1722.373	27.531	.000
Within Groups	6005.840	96	62.561		
Total	11172.960	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Rasa Food Bar

Bonferroni

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula1	Formula2	-3.480	2.237	.739	-9.51	2.55
	Formula3	14.600*	2.237	.000	8.57	20.63
	Formula4	9.200*	2.237	.000	3.17	15.23
Formula2	Formula1	3.480	2.237	.739	-2.55	9.51
	Formula3	18.080*	2.237	.000	12.05	24.11
	Formula4	12.680*	2.237	.000	6.65	18.71
Formula3	Formula1	-14.600*	2.237	.000	-20.63	-8.57
	Formula2	-18.080*	2.237	.000	-24.11	-12.05
	Formula4	-5.400	2.237	.106	-11.43	.63
Formula4	Formula1	-9.200*	2.237	.000	-15.23	-3.17
	Formula2	-12.680*	2.237	.000	-18.71	-6.65
	Formula3	5.400	2.237	.106	-.63	11.43

*. The mean difference is significant at the 0.05 level.

Oneway

Descriptives

Tekstur Food Bar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula1	25	59.60	10.251	2.050	55.37	63.83	41	79
Formula2	25	73.64	5.259	1.052	71.47	75.81	65	86
Formula3	25	64.04	8.937	1.787	60.35	67.73	47	79
Formula4	25	68.60	8.451	1.690	65.11	72.09	52	88
Total	100	66.47	9.818	.982	64.52	68.42	41	88

ANOVA

Tekstur Food Bar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2726.190	3	908.730	12.798	.000
Within Groups	6816.720	96	71.008		
Total	9542.910	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Tekstur Food Bar

Bonferroni

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula1	Formula2	-14.040*	2.383	.000	-20.46	-7.62
	Formula3	-4.440	2.383	.393	-10.86	1.98
	Formula4	-9.000*	2.383	.002	-15.42	-2.58
Formula2	Formula1	14.040*	2.383	.000	7.62	20.46
	Formula3	9.600*	2.383	.001	3.18	16.02
	Formula4	5.040	2.383	.222	-1.38	11.46
Formula3	Formula1	4.440	2.383	.393	-1.98	10.86
	Formula2	-9.600*	2.383	.001	-16.02	-3.18
	Formula4	-4.560	2.383	.352	-10.98	1.86
Formula4	Formula1	9.000*	2.383	.002	2.58	15.42
	Formula2	-5.040	2.383	.222	-11.46	1.38
	Formula3	4.560	2.383	.352	-1.86	10.98

*. The mean difference is significant at the 0.05 level.

Oneway

Descriptives

Keseluruhan

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula1	25	70.64	7.302	1.460	67.63	73.65	55	83
Formula2	25	74.16	4.989	.998	72.10	76.22	65	85
Formula3	25	59.96	8.512	1.702	56.45	63.47	44	76
Formula4	25	65.04	8.299	1.660	61.61	68.47	49	79
Total	100	67.45	9.099	.910	65.64	69.26	44	85

ANOVA

Keseluruhan

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	2927.710	3	975.903	17.781	.000
Within Groups	5269.040	96	54.886		
Total	8196.750	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Keseluruhan

Bonferroni

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula1	Formula2	-3.520	2.095	.577	-9.17	2.13
	Formula3	10.680*	2.095	.000	5.03	16.33
	Formula4	5.600	2.095	.053	-.05	11.25
Formula2	Formula1	3.520	2.095	.577	-2.13	9.17
	Formula3	14.200*	2.095	.000	8.55	19.85
	Formula4	9.120*	2.095	.000	3.47	14.77
Formula3	Formula1	-10.680*	2.095	.000	-16.33	-5.03
	Formula2	-14.200*	2.095	.000	-19.85	-8.55
	Formula4	-5.080	2.095	.103	-10.73	.57
Formula4	Formula1	-5.600	2.095	.053	-11.25	.05
	Formula2	-9.120*	2.095	.000	-14.77	-3.47
	Formula3	5.080	2.095	.103	-.57	10.73

*. The mean difference is significant at the 0.05 level.

Uji Mutu Hedonik

Oneway

Descriptives

Warna Food Bar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
					Formula1	25		
Formula2	25	66.08	9.055	1.811	62.34	69.82	50	83
Formula3	25	65.56	6.076	1.215	63.05	68.07	51	76
Formula4	25	56.80	11.507	2.301	52.05	61.55	29	74
Total	100	65.42	10.198	1.020	63.40	67.44	29	83

ANOVA

Warna Food Bar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3397.800	3	1132.600	15.761	.000
Within Groups	6898.560	96	71.860		
Total	10296.360	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Warna Food Bar

Bonferroni

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula1	Formula2	7.160*	2.398	.022	.70	13.62
	Formula3	7.680*	2.398	.011	1.22	14.14
	Formula4	16.440*	2.398	.000	9.98	22.90
Formula2	Formula1	-7.160*	2.398	.022	-13.62	-.70
	Formula3	.520	2.398	1.000	-5.94	6.98
	Formula4	9.280*	2.398	.001	2.82	15.74
Formula3	Formula1	-7.680*	2.398	.011	-14.14	-1.22
	Formula2	-.520	2.398	1.000	-6.98	5.94
	Formula4	8.760*	2.398	.003	2.30	15.22
Formula4	Formula1	-16.440*	2.398	.000	-22.90	-9.98
	Formula2	-9.280*	2.398	.001	-15.74	-2.82
	Formula3	-8.760*	2.398	.003	-15.22	-2.30

*. The mean difference is significant at the 0.05 level.

Oneway

Descriptives

Aroma Food Bar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula1	25	74.68	7.336	1.467	71.65	77.71	58	87
Formula2	25	69.36	7.262	1.452	66.36	72.36	51	80
Formula3	25	80.28	5.594	1.119	77.97	82.59	67	88
Formula4	25	78.40	5.979	1.196	75.93	80.87	64	87
Total	100	75.68	7.722	.772	74.15	77.21	51	88

ANOVA

Aroma Food Bar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1737.520	3	579.173	13.346	.000
Within Groups	4166.240	96	43.398		
Total	5903.760	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Aroma Food Bar

Bonferroni

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula1	Formula2	5.320*	1.863	.032	.30	10.34
	Formula3	-5.600*	1.863	.020	-10.62	-.58
	Formula4	-3.720	1.863	.292	-8.74	1.30
Formula2	Formula1	-5.320*	1.863	.032	-10.34	-.30
	Formula3	-10.920*	1.863	.000	-15.94	-5.90
	Formula4	-9.040*	1.863	.000	-14.06	-4.02
Formula3	Formula1	5.600*	1.863	.020	.58	10.62
	Formula2	10.920*	1.863	.000	5.90	15.94
	Formula4	1.880	1.863	1.000	-3.14	6.90
Formula4	Formula1	3.720	1.863	.292	-1.30	8.74
	Formula2	9.040*	1.863	.000	4.02	14.06
	Formula3	-1.880	1.863	1.000	-6.90	3.14

*. The mean difference is significant at the 0.05 level.

Oneway

Descriptives

Rasa Food Bar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula1	25	71.48	6.410	1.282	68.83	74.13	59	83
Formula2	25	76.32	6.830	1.366	73.50	79.14	62	88
Formula3	25	55.32	7.454	1.491	52.24	58.40	38	67
Formula4	25	58.20	6.825	1.365	55.38	61.02	45	72
Total	100	65.33	11.146	1.115	63.12	67.54	38	88

ANOVA

Rasa Food Bar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	7740.990	3	2580.330	54.357	.000
Within Groups	4557.120	96	47.470		
Total	12298.110	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Rasa Food Bar

Bonferroni

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula1	Formula2	-4.840	1.949	.088	-10.09	.41
	Formula3	16.160*	1.949	.000	10.91	21.41
	Formula4	13.280*	1.949	.000	8.03	18.53
Formula2	Formula1	4.840	1.949	.088	-.41	10.09
	Formula3	21.000*	1.949	.000	15.75	26.25
	Formula4	18.120*	1.949	.000	12.87	23.37
Formula3	Formula1	-16.160*	1.949	.000	-21.41	-10.91
	Formula2	-21.000*	1.949	.000	-26.25	-15.75
	Formula4	-2.880	1.949	.856	-8.13	2.37
Formula4	Formula1	-13.280*	1.949	.000	-18.53	-8.03
	Formula2	-18.120*	1.949	.000	-23.37	-12.87
	Formula3	2.880	1.949	.856	-2.37	8.13

*. The mean difference is significant at the 0.05 level.

Oneway

Descriptives

Tekstur Food Bar

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Formula1	25	64.92	6.506	1.301	62.23	67.61	51	78
Formula2	25	78.56	6.475	1.295	75.89	81.23	67	92
Formula3	25	67.96	7.062	1.412	65.04	70.88	56	87
Formula4	25	77.20	6.191	1.238	74.64	79.76	65	91
Total	100	72.16	8.733	.873	70.43	73.89	51	92

ANOVA

Tekstur Food Bar

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3410.480	3	1136.827	26.368	.000
Within Groups	4138.960	96	43.114		
Total	7549.440	99			

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Tekstur Food Bar

Bonferroni

(I) Formula	(J) Formula	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Formula1	Formula2	-13.640*	1.857	.000	-18.64	-8.64
	Formula3	-3.040	1.857	.630	-8.04	1.96
	Formula4	-12.280*	1.857	.000	-17.28	-7.28
Formula2	Formula1	13.640*	1.857	.000	8.64	18.64
	Formula3	10.600*	1.857	.000	5.60	15.60
	Formula4	1.360	1.857	1.000	-3.64	6.36
Formula3	Formula1	3.040	1.857	.630	-1.96	8.04
	Formula2	-10.600*	1.857	.000	-15.60	-5.60
	Formula4	-9.240*	1.857	.000	-14.24	-4.24
Formula4	Formula1	12.280*	1.857	.000	7.28	17.28
	Formula2	-1.360	1.857	1.000	-6.36	3.64
	Formula3	9.240*	1.857	.000	4.24	14.24

*. The mean difference is significant at the 0.05 level.

LABORATORIUM TERPADU FIKES

UNIVERSITAS ESA UNGGUL

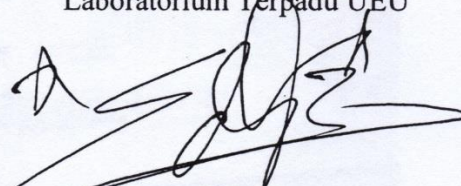
Jalan Arjuna Utara No.9, RT.1/RW.2, Duri Kepa, Kebon Jeruk, RT.1/RW.2, Duri Kepa, Kb. Jeruk,
Kota Jakarta Barat, Daerah Khusus Ibukota Jakarta 11510

HASIL ANALISIS PROKSIMAT DAN BOMB CALORIMETER

Kode Sampel	Ulangan	Kadar Air (%)	Kadar Abu (%)	Kadar Lemak (%)	Kadar Serat (%)	Kadar Protein (%)	Energi (kkal/g)
S2	1	0.04	3.41	21.52	0.18	19.75	5.52
	2	0.36	3.42	21.59	0.17	19.79	
	Rata-rata	0.20	3.42	21.56	0.18	19.77	

Jakarta, 3 Agustus 2017

Laboratorium Terpadu UEU



Eddy Poerwoto Boedijono, S.Si., M.Farm

Lampiran 8. Dokumentasi Uji Organoleptik



Lampiran 9. Dokumentasi Uji Proksimat dan *Bomb Calorimeter*



Lampiran 10. Perhitungan label informasi nilai gizi

✦ Jumlah zat gizi *food bar* per gram

Energi : 5,52 kkal

Protein : 19,77%

Lemak : 21,56%

Karbohidrat : 58,67%

✦ Persentase zat gizi *food bar* per bar (50 g)

Energi : 5,52 kkal x 50 g = 275,95 kkal

Protein : $\frac{19,77\% \times 4 \times 50}{275,95} = 14,33\%$

Lemak : $\frac{21,56\% \times 9 \times 50}{275,95} = 35,16\%$

Karbohidrat : $\frac{58,67\% \times 4 \times 50}{275,95} = 42,52\%$

✦ Jumlah zat gizi makro *food bar* per bar (50 g)

Protein : $\frac{275,95}{4} \times 14,33\% = 9,89 \text{ g}$

Lemak : $\frac{275,95}{9} \times 35,16\% = 10,78 \text{ g}$

Karbohidrat : $\frac{275,95}{4} \times 42,52\% = 29,33 \text{ g}$

✦ AKG 2000 kkal*

Protein : 60 gram

Lemak : 67 gram

Karbohidrat : 275 gram

✦ Persentase AKG pada *food bar*

Protein : $\frac{10}{60} \times 100\% = 16,67\% = 17\%$

Lemak : $\frac{11}{67} \times 100\% = 16,42\% = 16\%$

Karbohidrat : $\frac{29,33}{275} \times 100\% = 10,67\% = 11\%$

*Peraturan Kepala BPOM RI Nomor 9 Tahun 2016 Tentang Acuan Label Gizi

Lampiran 11. *Design Label Produk Food Bar*



Bagian depan

INFORMASI NILAI GIZI			
Takaran Saji 1 bar (50 gram)			%AKG*
Jumlah Sajian per Kemasan : 3	Lemak Total	11 g	16%
Energi Total 280 Kkal	Protein	10 g	17%
	Karbohidrat Total	29 g	11%
*Persen AKG berdasarkan kebutuhan energi 2000 Kkal. Kebutuhan energi Anda mungkin lebih tinggi atau lebih rendah			
Komposisi : Tepung sukun, tepung kacang koro pedang, tepung labu kuning, susu <i>full cream</i> , margarin, gula.			

Bagian Belakang