Lampiran 1

Formulir Uji Organoleptik (Hedonik Test) Terhadap Warna, Tekstur,Aroma ,Rasa DanPenerimaan secara keseluruhan Roti Tawar Subtitusi Ubi Ungu)

Nama :

Hari/Tanggal :

Pukul : WITA

Produk : Roti Tawar Ubi Jalar Ungu

Dihadapan saudara terdapat sampel roti tawar, ujilah bagaimana keseluruhan menurut tingkat kesukaan. Berilah tanda (√) pada kolom dibawah ini sesuai dengan kode dan tingkat kesukaan terhadap (warna) penilaian panelis secara organoleptik.

Penilaian	Kode Sampel				
	P1	P2	P3	P4	P5
Sangat suka					
Suka					
Netral					
Tidak suka					
Sangat tidak suka					

Komentar :

……
……

Lampiran 2

Formulir Uji Organoleptik (Mutu Hedonik Terhadap Warna Roti TawarSubtitusi Ubi Ungu)

Nama :

Hari/Tanggal :

Pukul : WITA

Produk : Roti Tawar Ubi Jalar Ungu

Dihadapan saudara terdapat sampel roti tawar, ujilah bagaimana keseluruhan menurut tingkat kesukaan. Berilah tanda (√) pada kolom dibawah ini sesuai dengankode dan tingkat kesukaan terhadap (mutu warna roti tawar) penilaian panelis secara organoleptik.

Penilaian	Kode Sampel				
	P1	P2	P3	P4	P5
Ungu Cerah					
Ungu Pucat					
Merah Muda					

Komentar :

……
……

Lampiran 3

Formulir Uji Organoleptik (Mutu Hedonik Terhadap Tekstur Roti TawarSubtitusi Ubi Ungu)

Nama :

Hari/Tanggal :

Pukul : WITA

Produk : Roti Tawar Ubi Jalar Ungu

Dihadapan saudara terdapat sampel roti tawar, ujilah bagaimana keseluruhan menurut tingkat kesukaan. Berilah tanda (√) pada kolom dibawah ini sesuai dengan kode dan tingkat kesukaan terhadap (mutu tekstur roti tawar) penilaian panelis secara organoleptik.

Penilaian	Kode Sampel				
	P1	P2	P3	P4	P5
Lembut					
Agak lembut					
Padat					

Komentar :

……
……

Lampiran 4

rata – Rata Uji Organoleptik Terhadap Warna

131	231	331	441	551
2.67	4.00	4.67	3.00	3.33
3.00	3.00	3.33	3.33	3.33
2.67	3.33	3.00	3.67	4.33
3.33	3.00	4.00	5.00	4.00
2.67	4.00	4.00	4.00	4.00
3.00	3.00	4.00	5.00	3.00
3.00	5.00	4.00	3.00	3.00
3.00	4.00	3.67	3.00	3.00
2.67	4.33	4.00	3.33	3.67
3.00	4.33	4.33	3.00	4.00
3.33	4.00	4.00	4.00	5.00
3.00	4.00	4.00	5.00	3.00
3.00	4.67	3.00	5.00	5.00
3.00	4.00	3.00	3.00	4.33
3.00	3.00	3.00	5.00	5.00
2.67	4.33	3.67	5.00	3.00
3.00	4.00	3.00	3.00	3.00
3.00	4.00	4.00	3.00	5.00
3.00	4.00	4.00	5.00	4.67
3.00	3.00	4.00	4.00	3.33
3.00	4.00	3.00	3.00	3.33
3.00	4.00	3.00	3.00	5.00
2.00	2.00	4.00	4.00	4.33
3.00	3.00	4.00	2.00	5.00
2.67	4.00	4.00	4.00	2.67
2.67	3.00	4.00	4.00	5.00
3.00	3.67	4.00	4.00	5.00
3.67	4.00	4.00	5.00	5.00
3.00	3.00	4.00	4.00	5.00
3.00	3.67	4.00	4.00	4.00

Lampiran 5

Rata – Rata Uji Organoleptik Terhadap Tekstur

131	231	331	441	551
2.33	2.67	2.67	3.00	4.67
3.33	3.33	4.00	3.67	3.67
3.33	4.00	3.67	3.33	4.67
3.00	4.00	4.00	3.00	3.33
3.33	3.67	3.00	4.33	3.67
4.00	4.67	3.00	5.00	3.00
4.33	3.67	3.00	3.00	3.67
3.00	3.33	3.67	3.33	3.33
4.00	3.33	3.00	4.33	4.00
3.00	3.00	4.00	4.00	3.33
4.00	4.00	4.00	4.67	3.00
4.00	4.00	4.00	4.33	3.67
4.00	4.00	3.00	3.00	4.00
3.00	3.00	4.00	4.00	4.00
3.67	3.33	4.00	4.00	4.67
3.00	4.00	3.00	4.33	3.00
3.33	3.00	4.00	4.67	5.00
4.00	3.67	4.00	3.67	3.00
4.00	4.00	2.00	4.33	4.00
3.00	3.67	5.00	4.00	4.67
3.00	3.00	2.33	3.00	4.00
4.00	4.33	4.00	3.33	3.00
4.00	3.00	4.00	4.00	3.00
3.33	4.00	4.33	3.00	3.00
4.00	4.00	3.00	3.00	2.33
4.00	3.67	4.00	2.00	1.00
4.00	3.67	5.00	1.00	3.00
5.00	4.33	4.00	3.00	3.00
5.00	4.00	4.00	3.00	3.67
4.00	4.00	3.00	3.00	2.00

Lampiran 6

Rata – Rata Uji Organoleptik Terhadap Rasa

131	231	331	441	551
3.00	3.00	3.00	3.00	3.00
3.00	3.00	3.33	3.00	3.00
3.00	4.00	4.00	3.33	4.00
3.00	4.00	4.00	3.00	3.00
4.00	4.00	4.00	3.00	2.00
4.00	4.00	4.00	5.00	3.00
3.33	4.00	3.00	3.00	2.67
3.00	3.00	4.00	3.00	2.67
3.00	4.00	4.00	3.00	3.00
3.00	4.00	4.00	2.00	3.00
4.00	3.00	4.00	5.00	2.33
4.00	4.00	4.00	5.00	2.00
4.00	3.00	3.00	3.00	5.00
3.00	4.00	3.00	3.00	5.00
4.00	4.00	3.67	4.00	2.00
3.00	3.00	5.00	4.00	3.00
3.00	4.00	2.00	3.00	5.00
3.00	3.00	4.00	4.00	4.00
3.00	4.00	4.00	4.00	4.00
3.00	4.00	3.00	4.00	5.00
2.00	4.00	2.00	3.00	4.00
5.00	2.00	3.00	4.00	5.00
3.00	3.33	1.00	4.00	3.00
4.00	3.00	4.00	3.00	2.00
3.00	2.00	4.00	4.00	2.67
2.00	2.00	4.00	2.00	5.00
4.00	3.00	4.00	4.00	5.00
4.00	3.00	3.33	3.00	3.00
2.00	3.00	4.00	4.00	4.00
2.00	3.00	4.00	3.00	3.00

Lampiran 7

Rata- Rata Uji Organoleptik Terhadap Penerimaan Secara Keseluruhan

131	231	331	441	551
3.67	4.00	4.00	3.33	4.00
3.33	3.33	3.67	3.67	3.33
3.33	3.00	3.67	3.67	3.67
3.00	3.00	3.67	3.33	4.00
3.67	3.33	3.33	3.00	3.00
3.00	3.00	4.00	4.33	4.00
3.67	4.00	4.33	4.00	4.33
3.00	2.67	2.33	3.00	4.33
3.67	3.67	3.00	5.00	4.67
4.00	4.00	3.33	3.67	4.00
2.33	2.00	2.67	4.67	4.67
3.67	3.67	3.33	3.67	3.67
3.67	2.67	3.33	3.33	3.67
3.67	3.33	3.33	3.33	3.00
1.67	3.00	3.00	5.00	3.67
3.33	3.33	3.33	4.00	4.00
4.00	3.33	3.33	3.00	3.33
3.33	3.00	3.33	3.33	3.67
2.00	2.33	3.00	4.00	3.67
4.33	3.67	3.67	3.33	4.00
2.00	3.00	2.00	3.00	4.00
2.67	3.00	3.00	3.67	4.00
2.00	2.00	2.00	3.00	3.00
3.00	3.00	3.00	3.00	3.00
2.67	3.00	4.00	4.00	3.33
4.00	3.67	3.33	3.67	3.67
3.00	3.00	4.00	3.67	3.33
4.00	4.67	4.33	4.33	4.67
2.00	3.33	3.33	4.33	5.00
4.00	4.00	3.00	3.67	4.00

Lampiran 8

Rata- Rata Uji Organoleptik Terhadap Mutu Tekstur

131	231	331	441	551
3.00	2.00	1.67	2.00	2.00
3.00	2.67	2.33	2.67	2.00
3.00	2.33	2.67	2.67	2.33
3.00	3.00	2.33	2.67	3.00
3.00	3.00	2.00	2.00	2.00
3.00	3.00	2.67	3.00	3.00
3.00	1.67	2.67	1.67	2.00
3.00	1.67	1.67	2.33	2.00
3.00	2.67	3.00	2.67	2.33
3.00	3.00	3.00	2.33	2.67
3.00	3.00	1.67	3.00	2.67
3.00	3.00	1.67	1.67	1.33
3.00	3.00	2.00	3.00	3.00
3.00	2.00	2.00	3.00	3.00
3.00	2.00	1.67	2.33	3.00
2.67	2.67	2.33	3.00	1.33
3.00	2.67	2.33	3.00	1.67
3.00	3.00	1.00	1.33	1.33
3.00	2.67	2.00	2.67	2.00
3.00	2.67	3.00	3.00	2.67
3.00	3.00	3.00	1.00	3.00
3.00	3.00	3.00	2.33	2.67
3.00	3.00	3.00	2.67	2.67
3.00	3.00	2.33	1.67	1.67
3.00	3.00	3.00	1.00	1.67
3.00	3.00	2.33	2.67	2.67
2.67	3.00	4.00	2.33	1.00
2.00	3.00	4.00	5.00	3.00
3.00	3.00	5.00	2.33	5.00
4.00	3.00	3.00	2.33	2.33

Lampiran 9

Rata- Rata Uji Organoleptik Terhadap Mutu Warna

131	231	331	441	551
1.67	3.00	4.00	4.00	4.00
2.67	2.67	3.67	4.00	3.33
1.00	2.67	3.00	4.00	4.00
1.00	3.00	3.00	3.67	3.67
1.33	2.67	3.67	3.33	4.00
1.00	3.00	3.33	4.00	4.00
1.00	3.00	3.00	3.33	4.00
1.00	2.33	3.00	3.00	4.00
1.00	3.00	3.67	4.00	4.00
1.00	3.00	3.67	4.00	4.00
2.67	1.67	1.33	3.67	4.00
1.33	3.00	3.00	3.67	4.00
1.00	2.67	3.33	3.33	4.00
1.00	2.67	3.00	4.00	4.00
1.00	2.00	3.33	3.33	4.00
1.00	2.33	3.00	3.33	4.00
1.00	2.33	3.00	3.00	4.00
1.00	2.67	3.33	3.33	3.67
1.00	3.00	3.33	4.00	4.00
1.33	2.67	3.00	3.33	4.00
3.00	1.00	3.00	4.00	4.00
5.00	1.00	3.33	3.67	4.00
2.00	3.00	3.00	3.00	4.00
2.33	1.00	2.33	2.00	2.00
5.00	3.00	3.00	4.00	2.67
5.00	2.33	3.33	3.00	3.67
5.00	3.00	3.33	3.33	4.00
5.00	1.00	4.00	4.00	4.00
2.00	1.00	3.00	4.00	4.00
5.00	2.00	3.00	3.00	4.00

Lampiran 10

nilai Rata- Rata Uji Objektif

KADAR AIR				
Perlakuan	U1	U2	U3	Rata-rata
P1	38.1767	37.0906	39.6253	38.30
P2	39.543	38.0758	39.7921	39.14
P3	40.9743	39.3791	40.1129	40.16
P4	41.1921	40.1901	41.4904	40.96
P5	42.4142	41.5432	41.9425	41.97

KAPASITAS ANTIOKSIDAN				
Perlakuan	U1	U2	U3	Rata-rata
P1	14.43	29.71	29.33	24.49
P2	25.28	39.09	43.45	35.94
P3	39.96	50.18	50.24	46.79
P4	47.16	58.29	58.69	54.71
P5	58.17	63.44	65.98	62.53

KADAR ABU				
Perlakuan	U1	U2	U3	Rata-rata
P1	0.9393	0.8574	0.9875	0.93
P2	0.6726	1.754	0.8732	1.10
P3	1.016	1.3658	1.1045	1.16
P4	1.2274	1.2271	1.1549	1.20
P5	1.2268	1.1495	1.0362	1.14

KARBOHIDRAT				
Perlakuan	U1	U2	U3	Rata-rata
P1	49.27	48.784	50.0643	49.37
P2	46.2135	45.3509	35.8639	42.48
P3	45.3997	47.5643	37.7245	43.56
P4	44.8239	47.2156	39.4239	43.82
P5	48.0648	48.7075	50.7932	49.19

Lampiran 11

uji Hedonik

ANOVA

uji_warna

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	17.827	4	4.457	9.816	.000
Within Groups	65.833	145	.454		
Total	83.660	149			

Multiple Comparisons

Dependent Variable: uji_warna

LSD

(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval Lower Bound	95% Confidence Interval Upper Bound
Pelakuan 1	Perlakuan 2	-.700*	.174	.000	-1.04	-.36
	Perlakuan 3	-.767*	.174	.000	-1.11	-.42
	Perlakuan 4	-.833*	.174	.000	-1.18	-.49
	Perlakuan 5	-1.000*	.174	.000	-1.34	-.66
Perlakuan 2	Pelakuan 1	.700*	.174	.000	.36	1.04
	Perlakuan 3	-.067	.174	.702	-.41	.28
	Perlakuan 4	-.133	.174	.445	-.48	.21
	Perlakuan 5	-.300	.174	.087	-.64	.04
Perlakuan 3	Pelakuan 1	.767*	.174	.000	.42	1.11
	Perlakuan 2	.067	.174	.702	-.28	.41
	Perlakuan 4	-.067	.174	.702	-.41	.28
	Perlakuan 5	-.233	.174	.182	-.58	.11
Perlakuan 4	Pelakuan 1	.833*	.174	.000	.49	1.18
	Perlakuan 2	.133	.174	.445	-.21	.48
	Perlakuan 3	.067	.174	.702	-.28	.41
	Perlakuan 5	-.167	.174	.340	-.51	.18
Perlakuan 5	Pelakuan 1	1.000*	.174	.000	.66	1.34
	Perlakuan 2	.300	.174	.087	-.04	.64
	Perlakuan 3	.233	.174	.182	-.11	.58
	Perlakuan 4	.167	.174	.340	-.18	.51

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

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
uji_rasa	Between Groups	1.640	4	.410	.615	.653
	Within Groups	96.733	145	.667		
	Total	98.373	149			
uji_aroma	Between Groups	4.840	4	1.210	2.144	.078
	Within Groups	81.833	145	.564		
	Total	86.673	149			
uji_tekstur	Between Groups	.760	4	.190	.322	.863
	Within Groups	85.433	145	.589		
	Total	86.193	149			
uji_keseluruhan	Between Groups	11.307	4	2.827	6.223	.000
	Within Groups	65.867	145	.454		
	Total	77.173	149			
mutu_tekstur	Between Groups	7.440	4	1.860	4.035	.004
	Within Groups	66.833	145	.461		
	Total	74.273	149			
mutu_warna	Between Groups	62.493	4	15.623	19.445	.000
	Within Groups	116.500	145	.803		
	Total	178.993	149			

Multiple Comparisons

LSD

Dependent Variable	(I) perlakuan	(J) perlakuan	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
uji_rasa	Pelakuan 1	Perlakuan 2	-.133	.211	.528	-.55	.28
		Perlakuan 3	-.300	.211	.157	-.72	.12
		Perlakuan 4	-.233	.211	.270	-.65	.18
		Perlakuan 5	-.233	.211	.270	-.65	.18
	Perlakuan 2	Pelakuan 1	.133	.211	.528	-.28	.55
		Perlakuan 3	-.167	.211	.431	-.58	.25
		Perlakuan 4	-.100	.211	.636	-.52	.32
		Perlakuan 5	-.100	.211	.636	-.52	.32
	Perlakuan 3	Pelakuan 1	.300	.211	.157	-.12	.72
		Perlakuan 2	.167	.211	.431	-.25	.58
		Perlakuan 4	.067	.211	.752	-.35	.48
		Perlakuan 5	.067	.211	.752	-.35	.48
	Perlakuan 4	Pelakuan 1	.233	.211	.270	-.18	.65
		Perlakuan 2	.100	.211	.636	-.32	.52

		Perlakuan 3	-.067	.211	.752	-.48	.35
		Perlakuan 5	.000	.211	1.000	-.42	.42
	Perlakuan 5	Pelakuan 1	.233	.211	.270	-.18	.65
		Perlakuan 2	.100	.211	.636	-.32	.52
		Perlakuan 3	-.067	.211	.752	-.48	.35
		Perlakuan 4	.000	.211	1.000	-.42	.42
uji_aroma	Pelakuan 1	Perlakuan 2	.000	.194	1.000	-.38	.38
		Perlakuan 3	.033	.194	.864	-.35	.42
		Perlakuan 4	.300	.194	.124	-.08	.68
		Perlakuan 5	.433*	.194	.027	.05	.82
	Perlakuan 2	Pelakuan 1	.000	.194	1.000	-.38	.38
		Perlakuan 3	.033	.194	.864	-.35	.42
		Perlakuan 4	.300	.194	.124	-.08	.68
		Perlakuan 5	.433*	.194	.027	.05	.82
	Perlakuan 3	Pelakuan 1	-.033	.194	.864	-.42	.35
		Perlakuan 2	-.033	.194	.864	-.42	.35
		Perlakuan 4	.267	.194	.171	-.12	.65
		Perlakuan 5	.400*	.194	.041	.02	.78
	Perlakuan 4	Pelakuan 1	-.300	.194	.124	-.68	.08
		Perlakuan 2	-.300	.194	.124	-.68	.08
		Perlakuan 3	-.267	.194	.171	-.65	.12
		Perlakuan 5	.133	.194	.493	-.25	.52
	Perlakuan 5	Pelakuan 1	-.433*	.194	.027	-.82	-.05
		Perlakuan 2	-.433*	.194	.027	-.82	-.05
		Perlakuan 3	-.400*	.194	.041	-.78	-.02
		Perlakuan 4	-.133	.194	.493	-.52	.25
uji_tekstur	Pelakuan 1	Perlakuan 2	-.100	.198	.615	-.49	.29
		Perlakuan 3	-.033	.198	.867	-.43	.36
		Perlakuan 4	.100	.198	.615	-.29	.49
		Perlakuan 5	.067	.198	.737	-.33	.46
	Perlakuan 2	Pelakuan 1	.100	.198	.615	-.29	.49
		Perlakuan 3	.067	.198	.737	-.33	.46
		Perlakuan 4	.200	.198	.315	-.19	.59
		Perlakuan 5	.167	.198	.402	-.23	.56
	Perlakuan 3	Pelakuan 1	.033	.198	.867	-.36	.43
		Perlakuan 2	-.067	.198	.737	-.46	.33
		Perlakuan 4	.133	.198	.502	-.26	.53
		Perlakuan 5	.100	.198	.615	-.29	.49
	Perlakuan 4	Pelakuan 1	-.100	.198	.615	-.49	.29
		Perlakuan 2	-.200	.198	.315	-.59	.19
		Perlakuan 3	-.133	.198	.502	-.53	.26

		Perlakuan 5	-.033	.198	.867	-.43	.36
	Perlakuan 5	Pelakuan 1	-.067	.198	.737	-.46	.33
		Perlakuan 2	-.167	.198	.402	-.56	.23
		Perlakuan 3	-.100	.198	.615	-.49	.29
		Perlakuan 4	.033	.198	.867	-.36	.43
uji_keseluruhan	Pelakuan 1	Perlakuan 2	.000	.174	1.000	-.34	.34
		Perlakuan 3	.000	.174	1.000	-.34	.34
		Perlakuan 4	-.467*	.174	.008	-.81	-.12
		Perlakuan 5	-.633*	.174	.000	-.98	-.29
	Perlakuan 2	Pelakuan 1	.000	.174	1.000	-.34	.34
		Perlakuan 3	.000	.174	1.000	-.34	.34
		Perlakuan 4	-.467*	.174	.008	-.81	-.12
		Perlakuan 5	-.633*	.174	.000	-.98	-.29
	Perlakuan 3	Pelakuan 1	.000	.174	1.000	-.34	.34
		Perlakuan 2	.000	.174	1.000	-.34	.34
		Perlakuan 4	-.467*	.174	.008	-.81	-.12
		Perlakuan 5	-.633*	.174	.000	-.98	-.29
	Perlakuan 4	Pelakuan 1	.467*	.174	.008	.12	.81
		Perlakuan 2	.467*	.174	.008	.12	.81
		Perlakuan 3	.467*	.174	.008	.12	.81
		Perlakuan 5	-.167	.174	.340	-.51	.18
	Perlakuan 5	Pelakuan 1	.633*	.174	.000	.29	.98
		Perlakuan 2	.633*	.174	.000	.29	.98
		Perlakuan 3	.633*	.174	.000	.29	.98
		Perlakuan 4	.167	.174	.340	-.18	.51
mutu_tekstur	Pelakuan 1	Perlakuan 2	.200	.175	.256	-.15	.55
		Perlakuan 3	.433*	.175	.015	.09	.78
		Perlakuan 4	.533*	.175	.003	.19	.88
		Perlakuan 5	.600*	.175	.001	.25	.95
	Perlakuan 2	Pelakuan 1	-.200	.175	.256	-.55	.15
		Perlakuan 3	.233	.175	.185	-.11	.58
		Perlakuan 4	.333	.175	.059	-.01	.68
		Perlakuan 5	.400*	.175	.024	.05	.75
	Perlakuan 3	Pelakuan 1	-.433*	.175	.015	-.78	-.09
		Perlakuan 2	-.233	.175	.185	-.58	.11
		Perlakuan 4	.100	.175	.569	-.25	.45
		Perlakuan 5	.167	.175	.343	-.18	.51
	Perlakuan 4	Pelakuan 1	-.533*	.175	.003	-.88	-.19
		Perlakuan 2	-.333	.175	.059	-.68	.01
		Perlakuan 3	-.100	.175	.569	-.45	.25

		Perlakuan 5	.067	.175	.704	-.28	.41
	Perlakuan 5	Pelakuan 1	-.600*	.175	.001	-.95	-.25
		Perlakuan 2	-.400*	.175	.024	-.75	-.05
		Perlakuan 3	-.167	.175	.343	-.51	.18
		Perlakuan 4	-.067	.175	.704	-.41	.28
mutu_warna	Pelakuan 1	Perlakuan 2	-.300	.231	.197	-.76	.16
		Perlakuan 3	-.967*	.231	.000	-1.42	-.51
		Perlakuan 4	-1.367*	.231	.000	-1.82	-.91
		Perlakuan 5	-1.733*	.231	.000	-2.19	-1.28
	Perlakuan 2	Pelakuan 1	.300	.231	.197	-.16	.76
		Perlakuan 3	-.667*	.231	.005	-1.12	-.21
		Perlakuan 4	-1.067*	.231	.000	-1.52	-.61
		Perlakuan 5	-1.433*	.231	.000	-1.89	-.98
	Perlakuan 3	Pelakuan 1	.967*	.231	.000	.51	1.42
		Perlakuan 2	.667*	.231	.005	.21	1.12
		Perlakuan 4	-.400	.231	.086	-.86	.06
		Perlakuan 5	-.767*	.231	.001	-1.22	-.31
	Perlakuan 4	Pelakuan 1	1.367*	.231	.000	.91	1.82
		Perlakuan 2	1.067*	.231	.000	.61	1.52
		Perlakuan 3	.400	.231	.086	-.06	.86
		Perlakuan 5	-.367	.231	.115	-.82	.09
	Perlakuan 5	Pelakuan 1	1.733*	.231	.000	1.28	2.19
		Perlakuan 2	1.433*	.231	.000	.98	1.89
		Perlakuan 3	.767*	.231	.001	.31	1.22
		Perlakuan 4	.367	.231	.115	-.09	.82

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

Lampiran 12

uji Objektif

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
uji_kadar_abu	Between Groups	.136	4	.034	.448	.772
	Within Groups	.759	10	.076		
	Total	.894	14			
uji_kapasitas_antioksidan	Between Groups	2722.658	4	680.664	13.108	.001
	Within Groups	519.279	10	51.928		
	Total	3241.937	14			
uji_kadar_air	Between Groups	25.197	4	6.299	8.357	.003
	Within Groups	7.538	10	.754		
	Total	32.735	14			
uji_karbohidrat	Between Groups	139.721	4	34.930	2.241	.137
	Within Groups	155.899	10	15.590		
	Total	295.620	14			

Multiple Comparisons

LSD

Dependent Variable	(I) perlakuan_1	(J) perlakuan_1	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
						Lower Bound	Upper Bound
uji_kadar_abu	p1	p2	-.1718667	.2248709	.462	-.672910	.329177
		p3	-.2340333	.2248709	.323	-.735077	.267010
		p4	-.2750667	.2248709	.249	-.776110	.225977
		p5	-.2094333	.2248709	.374	-.710477	.291610
	p2	p1	.1718667	.2248709	.462	-.329177	.672910
		p3	-.0621667	.2248709	.788	-.563210	.438877
		p4	-.1032000	.2248709	.656	-.604244	.397844
		p5	-.0375667	.2248709	.871	-.538610	.463477
	p3	p1	.2340333	.2248709	.323	-.267010	.735077
		p2	.0621667	.2248709	.788	-.438877	.563210
		p4	-.0410333	.2248709	.859	-.542077	.460010
		p5	.0246000	.2248709	.915	-.476444	.525644
	p4	p1	.2750667	.2248709	.249	-.225977	.776110
		p2	.1032000	.2248709	.656	-.397844	.604244
		p3	.0410333	.2248709	.859	-.460010	.542077
		p5	.0656333	.2248709	.776	-.435410	.566677
	p5	p1	.2094333	.2248709	.374	-.291610	.710477

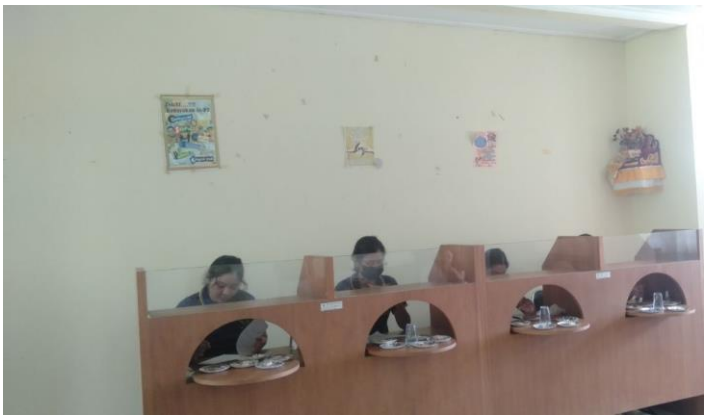
		p2	.0375667	.2248709	.871	-.463477	.538610
		p3	-.0246000	.2248709	.915	-.525644	.476444
		p4	-.0656333	.2248709	.776	-.566677	.435410
uji_kapasitas_antioksidan	p1	p2	-11.45000	5.88376	.080	-24.5598	1.6598
		p3	-22.30333*	5.88376	.004	-35.4132	-9.1935
		p4	-30.22333*	5.88376	.000	-43.3332	-17.1135
		p5	-38.04000*	5.88376	.000	-51.1498	-24.9302
	p2	p1	11.45000	5.88376	.080	-1.6598	24.5598
		p3	-10.85333	5.88376	.095	-23.9632	2.2565
		p4	-18.77333*	5.88376	.010	-31.8832	-5.6635
		p5	-26.59000*	5.88376	.001	-39.6998	-13.4802
	p3	p1	22.30333*	5.88376	.004	9.1935	35.4132
		p2	10.85333	5.88376	.095	-2.2565	23.9632
		p4	-7.92000	5.88376	.208	-21.0298	5.1898
		p5	-15.73667*	5.88376	.023	-28.8465	-2.6268
	p4	p1	30.22333*	5.88376	.000	17.1135	43.3332
		p2	18.77333*	5.88376	.010	5.6635	31.8832
		p3	7.92000	5.88376	.208	-5.1898	21.0298
		p5	-7.81667	5.88376	.214	-20.9265	5.2932
	p5	p1	38.04000*	5.88376	.000	24.9302	51.1498
		p2	26.59000*	5.88376	.001	13.4802	39.6998
		p3	15.73667*	5.88376	.023	2.6268	28.8465
		p4	7.81667	5.88376	.214	-5.2932	20.9265
uji_kadar_air	p1	p2	-.8394333	.7088748	.264	-2.418905	.740038
		p3	-1.8579000*	.7088748	.026	-3.437371	-.278429
		p4	-2.6600000*	.7088748	.004	-4.239471	-1.080529
		p5	-3.6691000*	.7088748	.000	-5.248571	-2.089629
	p2	p1	.8394333	.7088748	.264	-.740038	2.418905
		p3	-1.0184667	.7088748	.181	-2.597938	.561005
		p4	-1.8205667*	.7088748	.028	-3.400038	-.241095
		p5	-2.8296667*	.7088748	.003	-4.409138	-1.250195
	p3	p1	1.8579000*	.7088748	.026	.278429	3.437371
		p2	1.0184667	.7088748	.181	-.561005	2.597938
		p4	-.8021000	.7088748	.284	-2.381571	.777371
		p5	-1.8112000*	.7088748	.029	-3.390671	-.231729

	p4	p1	2.6600000*	.7088748	.004	1.080529	4.239471
		p2	1.8205667*	.7088748	.028	.241095	3.400038
		p3	.8021000	.7088748	.284	-.777371	2.381571
		p5	-1.0091000	.7088748	.185	-2.588571	.570371
	p5	p1	3.6691000*	.7088748	.000	2.089629	5.248571
		p2	2.8296667*	.7088748	.003	1.250195	4.409138
		p3	1.8112000*	.7088748	.029	.231729	3.390671
		p4	1.0091000	.7088748	.185	-.570371	2.588571
uji_karbohidrat	p1	p2	6.8966667	3.2238548	.058	-.286529	14.079863
		p3	5.8099333	3.2238548	.102	-1.373263	12.993129
		p4	5.5516333	3.2238548	.116	-1.631563	12.734829
		p5	-.1490667	3.2238548	.964	-7.332263	7.034129
	p2	p1	-6.8966667	3.2238548	.058	-14.079863	.286529
		p3	-1.0867333	3.2238548	.743	-8.269929	6.096463
		p4	-1.3450333	3.2238548	.685	-8.528229	5.838163
		p5	-7.0457333	3.2238548	.054	-14.228929	.137463
	p3	p1	-5.8099333	3.2238548	.102	-12.993129	1.373263
		p2	1.0867333	3.2238548	.743	-6.096463	8.269929
		p4	-.2583000	3.2238548	.938	-7.441496	6.924896
		p5	-5.9590000	3.2238548	.094	-13.142196	1.224196
	p4	p1	-5.5516333	3.2238548	.116	-12.734829	1.631563
		p2	1.3450333	3.2238548	.685	-5.838163	8.528229
		p3	.2583000	3.2238548	.938	-6.924896	7.441496
		p5	-5.7007000	3.2238548	.107	-12.883896	1.482496
	p5	p1	.1490667	3.2238548	.964	-7.034129	7.332263
		p2	7.0457333	3.2238548	.054	-.137463	14.228929
		p3	5.9590000	3.2238548	.094	-1.224196	13.142196
		p4	5.7007000	3.2238548	.107	-1.482496	12.883896

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

Lampiran 13

Dokumentasi Penelitian Uji Organoleptik



Lampiran 14

Rencana Kegiatan Penelitian

Kegiatan	Waktu									
	2021					2022				
	Februari	Maret	April	Mei	Juni	Januari	Februari	Maret	April	Mei
Pengajuan Proposal										
Penyusunan Proposal										
Seminar Awal										
Pengesahan Ijin Penelitian										
Pengumpulan Data atau Penelitian										
Pengolahan Data dan Penyusunan										
Seminar Akhir										

Lampiran 15

Rancangan Anggaran Biaya

No	Program/Kegiatan/Belanja	Jumlah	Satuan	Harga	Total
A	Uji Laboratorium				
1	Kadar Air	15	Unit	Rp. 25.000	Rp. 375.000
2	Kadar Abu	15	Unit	Rp. 27.000	Rp. 405.000
3	Kadar karbohidrat	15	Unit	0	Rp. 0
4	Aktivitas Antioksidan	15	Unit	Rp. 80.000	Rp. 1.200.000
Total = 1.980.000					
B	Biaya Bahan Pembuatan Produk				
1	Bahan roti tawarkeseluruhan	5	Pck	Rp. 33.000	Rp. 33.000
Total = 33.000					
C	Biaya Lain – lain				
1	Biaya Print	103	lembar	300	30.000
2	Biaya jlid	2	Buah	12.000	36.000
3	Biaya kebersihan Lab Organoleptik	-	-	100.000	100.000
Total = 166.000					
Jumlah Total = 2.179.000					

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Saya yang bertanda tangan di bawah ini :

Nama	: I Dewa Agung Ayu Diah Wulandari
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Jurusan	: Gizi
Tahun Akademik	: 2018
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