

Lampiran 1

Komposisi Kandungan Gizi Daging Kalkun per 100 g Basis Kering

Komposisi	Dada	Kulit
Kadar air (%)	74,42	34,72
Kadar lemak (%)	11,21	34,12
Kadar protein (%)	14,64	8,32
pH	5,9	-
WHC	31,4472	10,9485
Juiciness (%)	73,0769	82



## KUESIONER UJI KESUKAAN

Hari/tanggal :

Nama :

Produk sampel : BAKSO

NRP :

Analisa terhadap : BAU/AROMA

Dihadapan saudara tersedia 5 (lima) sampel bakso. Saudara diminta untuk memberikan penilaian yang menunjukkan tingkat kesukaan saudara terhadap bau/aroma masing-masing bakso tersebut. Penilaian hendaknya disesuaikan menurut kode masing-masing sampel bakso dengan memberikan tanda garis ( | ).

Keterangan: Angka 1 menunjukkan bahwa saudara sangat tidak menyukai dan angka 7 menunjukkan bahwa saudara sangat menyukai.

239 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

726 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

563 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

974 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

128 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

- Keterangan:
1. Sangat tidak suka.
  2. Tidak suka.
  3. Agak tidak suka.
  4. Biasa/netral.
  5. Agak suka.
  6. Suka.
  7. Sangat suka.

Komentar:

## KUESIONER UJI KESUKAAN

Hari/tanggal : Nama :

Produk sampel : **BAKSO** NRP :

Analisa terhadap : **TEKSTUR**

Dihadapan saudara tersedia 5 (lima) sampel bakso. Saudara diminta untuk memberikan penilaian yang menunjukkan tingkat kesukaan saudara terhadap tekstur masing-masing bakso tersebut. Penilaian hendaknya disesuaikan menurut kode masing-masing sampel bakso dengan memberikan tanda garis ( | ).

Keterangan: Angka 1 menunjukkan bahwa saudara sangat tidak menyukai dan angka 7 menunjukkan bahwa saudara sangat menyukai.

329 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

276 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

653 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

794 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

218 |.....|.....|.....|.....|.....|.....|  
1 2 3 4 5 6 7

- Keterangan:
1. Sangat tidak suka.
  2. Tidak suka.
  3. Agak tidak suka.
  4. Biasa/netral.
  5. Agak suka.
  6. Suka.
  7. Sangat suka.

Komentar:

Lampiran 3

**DATA-DATA YANG DIKETAHUI:**

- Kadar lemak daging sapi : 14 gram / 100 gram (Soeparno, 1994)
- Kadar lemak *white meat* : 9% (“Butterball” spec)
- Kadar lemak *white meat* : 1,446 gram / 100 gram (Stadelman, 1988)
- Kadar lemak *skin* : 33,8% (Mountney, 1966)
- Kadar lemak bakso sapi : 1,46 gram / 100 gram (Wibowo, 1995)

**PERHITUNGAN SECARA TEORITIS:**

Asumsi: kadar lemak dalam bakso daging sapi sebagian besar diperoleh dari lemak daging sapi (bahan baku) itu sendiri.

$$L_{\text{bakso}} \times B_{\text{bakso}} = L_{\text{daging sapi}} \times B_{\text{daging sapi}}$$

$$L_{\text{bakso}} \times 1000 \text{ g} = 0,14 \times 1000 \text{ g}$$

$$L_{\text{bakso}} = 0,14 \times 100\%$$

$$L_{\text{bakso}} = 14 \%$$

Kisaran lemak dalam bakso kalkun yang digunakan → 10,0 – 17,5 %

**DATA-DATA YANG DIGUNAKAN:**

- Kadar lemak *white meat* ( $L_w$ ) = 9% = 0,09
- Kadar lemak *skin* ( $L_s$ ) = 33,8% = 0,338
- Massa bakso ( $B$ ) = 1000 gram
- Massa *white meat* =  $W$  gram
- Massa kulit kalkun =  $S$  gram

$$L_b \times B = (L_w \times W) + (L_s \times S)$$

$$L_b \times 1000 = (0,09 \times W) + (0,338 \times S) \dots\dots\dots (1)$$

$$1000 = W + S \dots\dots\dots (2)$$

Keterangan:  $L_b$  = kadar lemak bakso kalkun (%)  
 $B$  = berat bakso (gram)  
 $L_w$  = kadar lemak *white meat* (%)  
 $W$  = berat *white meat* (gram)  
 $L_s$  = kadar lemak kulit (%)  
 $S$  = berat kulit kalkun (gram)

$0,10 \times 1000 = 0,09W + 0,338S$ $100 = 0,09W + 0,338S$ $1000 = W + S$	$0,09W + 0,338S = 100$ $0,09W + 0,09S = 90 (-)$	$W + S = 1000$ $W + 40,4 = 1000$
	$0,248S = 10$ $S = 40,4 \text{ gram}$	$W = 959,6 \text{ gram}$

$0,125 \times 1000 = 0,09W + 0,338S$ $100 = 0,09W + 0,338S$ $1000 = W + S$	$0,09W + 0,338S = 125$ $0,09W + 0,09 S = 90 (-)$	$W + S = 1000$ $W + 141,1 = 1000$ $W = 858,9 \text{ gram}$
	$0,248S = 35$ $S = 141,4 \text{ gram}$	

$0,15 \times 1000 = 0,09W + 0,338S$ $150 = 0,09W + 0,338S$ $1000 = W + S$	$0,09W + 0,338S = 150$ $0,09W + 0,09 S = 90 (-)$	$W + S = 1000$ $W + 24,19 = 1000$ $W = 758,1 \text{ gram}$
	$0,248S = 60$ $S = 241,9 \text{ gram}$	

$0,175 \times 1000 = 0,09W + 0,338S$ $175 = 0,09W + 0,338S$ $1000 = W + S$	$0,09W + 0,338S = 175$ $0,09W + 0,09 S = 90 (-)$	$W + S = 1000$ $W + 32,27 = 1000$ $W = 677,3 \text{ gram}$
	$0,248S = 85$ $S = 322,7 \text{ gram}$	

Lampiran 4

**A. HASIL ANALISA KADAR AIR BAKSO KALKUN**

Proporsi White meat: Skin	Kadar Air (db)					
	Ulangan					Rata-rata
	I	II	III	IV	V	
100 : 0	76.79	74.79	73.07	69.92	72.78	73.47±2.55
96 : 4	76.92	74.45	71.98	73.61	73.45	74.08±1.82
86 : 14	74.79	72.31	83.29	72.01	72.21	74.92±4.81
76 : 24	67.19	68.71	74.72	69.39	72.21	70.44±3.0
66 : 34	72.13	71.08	68.98	65.93	69.85	69.59±2.37

**B. HASIL ANALISA SIDIK RAGAM KADAR AIR BAKSO KALKUN**

Sumber variasi	db	JK	RJK	F hitung	Ftabel	
					$\alpha=0.05$	$\alpha=0.1$
Ulangan	4	52.000	13.000	1.502		
Proporsi	4	109.976	27.494	3.177*	3.01	4.77
Galat	16	138.484	8.655			
Total	24	300.459				

Keterangan: F hitung > F tabel, berarti ada beda nyata

\* = ada beda nyata

Lampiran 5

**A. HASIL ANALISA WATER HOLDING CAPACITY BAKSO KALKUN**

Proporsi White meat: Skin	WHC (db)						Rata- Rata
	Ulangan						
	I	II	III	IV	V		
100 : 0	27.98	26.96	25.15	23.19	27.56	26.17±1.98	
96 : 4	30.24	26.09	24.17	26.53	23.48	26.10±2.64	
86 : 14	29.61	25.93	41.47	20.09	22.27	27.87±8.42	
76 : 24	23.10	21.48	23.85	19.81	18.85	23.22±5.32	
66 : 34	27.26	24.81	21.58	19.67	21.01	22.87±3.09	

**B. HASIL ANALISA SIDIK RAGAM WATER HOLDING CAPACITY BAKSO KALKUN**

Sumber variasi	db	JK	RJK	F hitung	Ftabel	
					$\alpha=0.05$	$\alpha=0.1$
Ulangan	4	199.46	49.86	2.856		
Proporsi	4	91.39	22.85	1.575	3.01	4.77
Galat	16	279.31	17.46			
Total	24	570.15				

Keterangan: F hitung > F tabel, berarti tidak ada beda nyata

\* = ada beda nyata



Lampiran 6

**A. HASIL ANALISA JUICINESS BAKSO KALKUN**

Proporsi White meat: Skin	Juiciness (db)					Rata- Rata
	Ulangan					
	I	II	III	IV	V	
100 : 0	66.67	77.00	87.00	66.00	75.00	74.33±8.61
96 : 4	70.41	89.00	81.00	79.00	80.00	79.88±6.61
86 : 14	65.00	78.00	66.00	80.00	74.00	72.60±6.84
76 : 24	70.00	85.00	85.00	84.00	88.00	82.40±7.09
66 : 34	72.00	82.00	76.00	92.00	89.00	82.20±8.44

**B. HASIL ANALISA SIDIK RAGAM JUICINESS BAKSO KALKUN**

Sumber Variasi	db	JK	RJK	F hitung	Ftabel	
					$\alpha=0.05$	$\alpha=0.1$
Ulangan	4	577.42	147.11	4.233*	3.01	4.77
Proporsi	4	413.72	103.43	2.97		
Galat	16	555.93	34.75			
Total	24	1558.08				

Keterangan: F hitung > F tabel, berarti tidak ada beda nyata

\* = ada beda nyata

## Lampiran 7

### A. HASIL ANALISA STABILITAS EMULSI BAKSO KALKUN

Proporsi White meat: Skin	Stabilitas Emulsi (db)					Rata- Rata
	Ulangan					
	I	II	III	IV	V	
100 : 0	98.00	97.00	99.00	98.50	97.50	98.00±0.79
96 : 4	96.00	98.00	98.50	97.50	98.50	97.70±1.04
86 : 14	98.00	97.50	98.50	97.50	98.50	98.00±0.50
76 : 24	97.00	97.00	98.00	97.00	97.00	97.20±0.45
66 : 34	96.00	97.50	97.50	98.00	97.00	97.20±0.76

### B. HASIL ANALISA SIDIK RAGAM STABILITAS EMULSI BAKSO KALKUN

Sumber variasi	db	JK	RJK	F hitung	Ftabel	
					$\alpha=0.05$	$\alpha=0.1$
Ulangan	4	4.54	1.14	2.923		
Proporsi	4	3.24	0.81	2.84	3.01	4.77
Galat	16	6.36	0.39			
Total	24	14.14				

Keterangan: F hitung > F tabel, berarti tidak ada beda nyata

\* = ada beda nyata

Lampiran 8

**A. HASIL ANALISA KADAR PROTEIN BAKSO KALKUN**

Proporsi White meat: Skin	Kadar Protein (db)					Rata- Rata
	Ulangan					
	I	II	III	IV	V	
100 : 0	11.66	9.75	10.66	9.99	10.39	10.49±0.74
96 : 4	8.93	8.90	10.41	9.75	8.65	9.33±0.73
86 : 14	8.30	8.58	10.23	8.91	8.54	8.91±0.77
76 : 24	7.86	8.43	9.79	8.33	8.39	8.56±0.72
66 : 34	7.64	8.29	8.99	7.78	7.78	8.07±0.58

**B. HASIL ANALISA SIDIK RAGAM KADAR PROTEIN BAKSO KALKUN**

Sumber variasi	db	JK	RJK	F hitung	Ftabel	
					$\alpha=0.05$	$\alpha=0.1$
Ulangan	4	5.70	1.43	5.107*	3.01	4.77
Proporsi	4	46.81	4.20	15.19*		
Galat	16	4.43	0.28			
Total	24	26.94				

Keterangan: F hitung >F tabel, berarti ada beda nyata

\* = ada beda nyata

Lampiran 9

**A. HASIL ANALISA KADAR LEMAK BAKSO KALKUN**

Proporsi White meat: Skin	Kadar Lemak (db)					
	Ulangan					Rata- Rata
	I	II	III	IV	V	
100 : 0	1.2261	4.0005	2.5389	2.907	1.8406	2.50 ± 1.06
96 : 4	3.7415	4.6006	3.7059	4.2676	3.9546	4.05 ± 0.38
86 : 14	5.8024	5.2932	9.0075	6.0727	5.3412	6.30 ± 1.55
76 : 24	7.3423	8.1979	9.3574	8.3809	8.5454	8.36 ± 0.72
66 : 34	19.1487	18.5889	18.9898	15.5268	16.3956	17.73 ± 1.66

**B. HASIL ANALISA SIDIK RAGAM KADAR LEMAK BAKSO KALKUN**

Sumber variasi	db	JK	RJK	F hitung	Ftabel	
					α =0.05	α =0.1
Ulangan	4	7.79	1.95	1.57		
Proporsi	4	716.28	179.07	144.07*	3.01	4.77
Galat	16	19.89	1.24			
<b>Total</b>	<b>24</b>	<b>743.96</b>				

Keterangan: F hitung > F tabel, berarti ada beda nyata

\* = ada beda nyata

## Lampiran 10

### A. HASIL ANALISA *HARDNESS* BAKSO KALKUN

Proporsi White meat: Skin	<i>Hardness</i> (db)			
	Ulangan			Rata- Rata
	I	II	III	
100 : 0	74.28	135.2	108.5	105.99 ± 30.54
96 : 4	82.14	98.64	119.9	100.23 ± 18.93
86 : 14	56.59	63.67	91.96	70.74 ± 18.71
76 : 24	1610	67.6	103.8	57.13 ± 52.69
66 : 34	66.03	70.74	75.46	70.74 ± 4.72

### B. HASIL ANALISA SIDIK RAGAM *HARDNESS* BAKSO KALKUN

Sumber variasi	Db	JK	RJK	F hitung	Ftabel	
					$\alpha = 0.05$	$\alpha = 0.1$
Ulangan	2	5154.102	2577.051	5.534*	4.46	8.65
Proporsi	4	5323.232	1330.808	2.859	3.84	7.01
Galat	8	3724.137	465.517			
Total	14	14201.47				

Keterangan: F hitung > F tabel, berarti tidak ada beda nyata

\* = ada beda nyata

Lampiran 11

**A. HASIL ANALISA ELASTICITY BAKSO KALKUN**

Proporsi White meat: Skin	Elasticity (db)			
	Ulangan			Rata- Rata
	I	II	III	
100 : 0	26.33	55.22	39.30	40.28±14.47
96 : 4	14.54	19.06	28.69	20.76±7.23
86 : 14	32.42	23.58	21.03	25.68±5.98
76 : 24	16.11	16.11	30.85	21.02±8.51
66 : 34	17.88	24.37	11.40	17.65±6.49

**B. HASIL ANALISA SIDIK RAGAM ELASTICITY BAKSO KALKUN**

Sumber variasi	db	JK	RJK	F hitung	Ftabel	
					$\alpha=0.05$	$\alpha=0.1$
Ulangan	2	111.23	55.61	0.624	4.46	8.65
Proporsi	4	965.38	241.34	2.90	3.84	7.01
Galat	8	712.76	89.09			
Total	14	1789.35				

Keterangan: F hitung > F tabel, berarti tidak ada beda nyata

\* = ada beda nyata

Lampiran 12

UJI KESUKAAN BAU (AROMA)

Kode		239	726	563	974	128	TOTAL
Panelis	Fakultas						
Frankly	FPsi	4	6	3	2	6	21
Yunita A.L	FTP	4	4	5	6	4	23
Hartono	FF	4	5	6	4	4	23
Retno	FTP	4.44	3.44	4.44	2.74	1.55	16.61
Inneke	FTP	5.55	3.34	2.74	4.5	4.5	20.63
Irwan	FTP	2.55	1.17	2	6	7	18.72
Ervina	FE	2.17	4.17	5.17	6.17	5.17	22.85
Deasy	FE	4.44	4.44	4.44	4.44	4.44	22.2
Irwan	FE	5.44	4.44	4.5	6.74	5.44	26.56
Ratna	FE	6.5	4.5	4.5	6.5	3.5	25.5
Abraham	FE	4.34	4.34	3.34	3.34	5.93	21.29
Veronika	FTP	1	2	5	5	3	16
Ika	FTP	6.44	4	2	6	5	23.44
Yuanita	FTP	2	5	5	2	2	16
Rianto	FE	6	4	3	4	3	20
Sandy	FTP	4.34	4.34	3.55	4.34	4.34	20.81
Yuanitha	FE	4.44	6.44	5.34	6.44	3.44	26.1
Dudung	FE	1.5	1	6	6	3	17.5
Noviali	FTP	3.44	2.56	5.56	3.5	3.5	18.56
Elvi	FTP	2	5	4	6	3	20
Deddy	FE	1.44	3.5	5.5	1.72	5.44	17.6
Johanes	FTP	3.44	3.44	3.44	4	4	18.32
Lita	FE	3.44	4.44	4.44	5.44	4.44	22.2
Yen Yen	FE	5.33	4.44	4.44	4.44	4.44	23.09
Jan K	FE	5.44	4.44	4.44	4.44	4.44	23.2
Lia	FTP	4.69	5.67	5.67	4	1	21.63
Lila K	FTP	4.44	4.44	6.44	5.44	6.44	27.2
Fransiska	FE	1.44	3.4	4.44	4.44	3.44	17.16
Dion	FPsi	4.5	5.44	4.44	3.44	3.44	21.26
Gabby	FTP	4	4.44	5	5.44	5.44	24.32
Vicky	FPsi	3.55	4.55	3.74	5.44	3.74	21.02
Susan	FTP	1.55	6.5	3.44	4.5	2.5	18.49
Martono	FTP	4.5	4.6	2.5	2.5	4.5	18.6
Deny	FTP	4.44	3.4	6.44	6.44	5.34	26.06
Andik	FE	2	5	6	2	7	22
Putut	FE	3	3.44	4.44	3.44	2.44	16.76
Maria A	FTP	3.5	2.44	4.44	5.34	6.34	21.66
Robert	FE	4.44	4.44	4.44	4.44	4.44	22.2
Sianny	FTP	6	4	4	3	5.55	22.65
Anastasia	FE	4.44	4.44	4.44	4.44	4.44	22.2
Rudi	FTP	4.55	4.55	4.55	4.55	4.55	22.75

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*(Handwritten arrows pointing to rows for Maria A, Robert, Sianny, and Anastasia)*

Irwan	FE	4.17	5.17	4.17	3.17	3.17	10.85
Agung	FTP	5	4	1	2	3	15
Deddy	FE	3.17	4.17	4.17	4.17	5.17	20.85
Robert	FE	3.44	6.5	4.5	4.33	2.44	21.21
Novi	FTP	7	6.44	4.5	6.44	2.55	28.93
Yosef	FTP	4.44	5.44	5.44	3.74	3.74	22.1
Joelia	FE	6	6.44	5	6	5	28.11
Chandra	FTP	5.13	3.44	6.44	6.44	6.44	21.19
Yoseph	FTP	3.44	2	6	4	2	17.44
<b>TOTAL</b>		<b>200.51</b>	<b>213.79</b>	<b>222.48</b>	<b>224.89</b>	<b>208.88</b>	<b>1071.35</b>
<b>AVERAGE</b>		<b>4.0102</b>	<b>4.2758</b>	<b>4.4496</b>	<b>4.4978</b>	<b>4.1736</b>	<b>21.407</b>

Keterangan:

239	= 100% white meat : 0% skin
726	= 96% white meat : 4% skin
563	= 86% white meat : 14% skin
974	= 76% white meat : 24% skin
128	= 66% white meat : 34% skin

#### B. HASIL ANALISA SIDIK RAGAM ORGANOLEPTIK AROMA BAKSO KALKUN

Sumber variasi	Db	JK	RJK	F hitung	F tabel	
					$\alpha = 0.05$	$\alpha = 0.1$
Ulangan	49	106.736	2.178	1.168	1.44	
Proporsi	4	8.024	2.006	1.268	2.41	
Galat	196	336.695	1.728			
<b>Total</b>	<b>249</b>	<b>451.456</b>				

Keterangan: F hitung > F tabel, berarti tidak ada beda nyata  
 \* = ada beda nyata



## Lampiran 13

## UJI KESUKAAN TEKSTUR

Kode		329	276	653	794	218	TOTAL
Panelis	Fakultas						
Frankly	FPsi	2.5	6.5	4.5	2.5	4.5	20.5
Yunita A.L	FTP	2	2	2	3	5	14
Hartono	FF	3	4	2	2	4	15
Retno	FTP	4.44	2.44	2.44	3.44	3.34	16.1
Inneke	FTP	4	2	3	5	3	17
Irwan	FTP	3	2	4	5	2	16
Ervina	FE	3.34	4.44	5.55	5.55	4.55	23.43
Deasy	FE	3.5	4.5	4.5	3.5	3.5	19.5
Irwan	FE	5.34	2.5	6	3.74	6.55	24.13
Ratna	FE	4.44	5.55	6.34	4.44	3.44	24.21
Abraham	FE	4.17	3.17	6.17	5.17	6.17	24.85
Veronika	FTP	3.55	3.55	3.55	3.55	3.55	17.75
Ika	FTP	3	5	3	5	6	22
Yuanita	FTP	4	5.34	6.34	5.94	4.17	25.79
Rianto	FE	2.34	2.34	6.17	6.17	7	24.02
Sandy	FTP	2	2	2	2	2	10
Yuanitha	FE	4.44	4.55	6.17	5.89	4.89	25.94
Dudung	FE	4.34	2.34	3.74	3.34	3.44	17.2
Noviali	FTP	2.55	5.44	4.44	5.44	1.97	19.84
Elvi	FTP	4.17	3.17	4.17	3.17	5.17	19.85
Deddy	FE	4.44	5.77	4.34	5.5	2.55	22.6
Johanes	FTP	3.17	3.77	3.17	4.17	2.34	16.62
Lita	FE	5	3	4	6	3	21
Yen Yen	FE	6.17	4.17	5.17	5.17	4.17	24.85
Jan K	FE	2	3	5	3	6	19
Lia	FTP	4.5	3.44	6.55	6.55	3.44	24.48
Lila K	FTP	4.74	1.74	4.34	4.74	3.17	18.73
Fransiska	FE	3.44	4.44	3.44	4.55	6.44	22.31
Dion	FPsi	5.55	3.44	4.44	6.34	4.94	24.71
Gabby	FTP	2.44	3.44	2.44	5.5	1.44	15.26
Vicky	FPsi	4	2.94	5	5.55	7	24.49
Susan	FTP	6	3	7	5.44	2	23.44
Martono	FTP	3.44	5.44	6.44	4.44	6.44	26.2
Deny	FTP	1.44	2.34	3.34	3.17	4.17	14.46
Andik	FE	1.17	1.97	3.55	5.55	6.55	18.79
Putut	FE	4.34	5.44	4.94	4.17	3.17	22.06
Maria A	FTP	4.44	4.44	4.44	4.44	4.44	22.2
Robert	FE	2.94	3.17	3.17	2.94	2.94	15.16
Sianny	FTP	3.44	5.44	6.55	6	6	27.43
Anastasia	FE	3.17	5.17	6.44	4.44	6.44	25.66
Rudi	FTP	3.44	4.44	4.44	5.44	3.44	21.2

Irwan	FE	1	4	3	5	3	18
Agung	FTP	1	5	3	5.55	6	20.55
Deddy	FE	3.44	6.44	3.44	3.44	3.44	20.2
Robert	FE	6	1.5	3	5	1	16.5
Novi	FTP	1.44	2	6	6	3	18.44
Yosef	FTP	7	5	6	3	2	23
Joelia	FE	3	6	5	7	2	23
Chandra	FTP	2.34	2.34	3.34	3.34	2.44	13.8
Yoseph	FTP	3	3.44	3.44	6.55	5	21.43
<b>TOTAL</b>		<b>177.61</b>	<b>188.55</b>	<b>220.5</b>	<b>231.82</b>	<b>202.2</b>	<b>1020.68</b>
<b>AVERAGE</b>		<b>3.5522</b>	<b>3.771</b>	<b>4.41</b>	<b>4.6384</b>	<b>4.044</b>	<b>20.4136</b>

Keterangan:

- 329 = 100% *white meat* : 0% *skin*
- 276 = 96% *white meat* : 4% *skin*
- 653 = 86% *white meat* : 14% *skin*
- 794 = 76% *white meat* : 24% *skin*
- 218 = 66% *white meat* : 34% *skin*

#### B. HASIL ANALISA SIDIK RAGAM ORGANOLEPTIK TEKSTUR BAKSO KALKUN

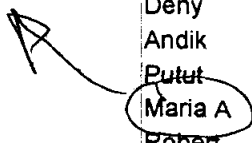
Sumber variasi	Db	JK	RJK	F hitung	Ftabel	
					$\alpha=0.05$	$\alpha=0.1$
Ulangan	49	167.027	3.409	1.996*	1.44	
Proporsi	4	34.109	8.527	4.992*	2.41	
Galat	196	334.772	1.708			
Total	249	535.908				

Keterangan: F hitung > F tabel, berarti ada beda nyata  
 \* = ada beda nyata

Lampiran 14

UJI KESUKAAN RASA

Kode		923	672	356	497	812	TOTAL
Panelis	Fakultas						
Frankly	FPsi	3.55	6.5	4.5	3.5	4.5	22.55
Yunita A.L	FTP	2	5	2	1	3	13
Hartono	FF	3	4	2	2	4	15
Retno	FTP	2.44	2.44	3.44	2.44	2.44	13.2
Inneke	FTP	4	2	3	5	3	17
Irwan	FTP	2	2	3	3	5	15
Ervina	FE	3.44	4.44	4.34	5.34	4.55	22.11
Deasy	FE	3.5	6.5	4.5	3.5	4.5	22.5
Irwan	FE	5.17	2.34	6	3.44	5.44	22.39
Ratna	FE	5.5	3.5	4.74	6.74	5.5	25.98
Abraham	FE	5.17	6.17	6.17	6.17	4.17	27.85
Veronika	FTP	4.55	4.55	4.55	4.65	4.55	22.85
Ika	FTP	3	5	4	4	6	22
Yuanita	FTP	2.94	6.17	5.17	5.55	4.17	24
Rianto	FE	4.17	3.17	4.17	6.17	4.17	21.85
Sandy	FTP	2	6	1	4	7	20
Yuanitha	FE	3.34	4.44	3.17	2.74	2.94	16.63
Dudung	FE	4.34	3.44	3.34	4.44	4.74	20.3
Noviali	FTP	2.55	2.55	1.97	5.5	4	16.57
Elvi	FTP	3.17	3.17	5.17	4.17	4.17	19.85
Deddy	FE	5.44	3.44	4	3.44	3.44	19.76
Johanes	FTP	3.17	3.17	3.17	4.17	2.34	16.02
Lita	FE	5	6	5	6	5	27
Yen Yen	FE	6.17	3.17	4.17	3.74	1.74	18.99
Jan K	FE	5	4	4	4	6	23
Lia	FTP	3.5	4.5	4.5	4.5	4.5	21.5
Lila K	FTP	4.34	2.17	5.55	5.44	6	23.5
Fransiska	FE	4.44	3.44	4.44	4.44	6.44	23.2
Dion	FPsi	3.44	1.55	5.44	6.44	5.5	22.37
Gabby	FTP	3.44	3.44	4.44	1.5	1.5	14.32
Vicky	FPsi	2.34	1.55	5.17	5.17	5.74	19.97
Susan	FTP	3	3	6	5	2	19
Martono	FTP	3.44	5.44	6.44	4.44	6.44	26.2
Deny	FTP	4.17	5.17	4.17	4.17	6.17	23.85
Andik	FE	2	3	4.44	2	6.44	17.88
Putut	FE	2.17	4.94	5.44	4.55	3.17	20.27
Maria A	FTP	4.44	4.44	4.44	4.44	4.44	22.2
Robert	FE	4.74	3.94	3.94	2.94	2.94	18.5
Sianny	FTP	5	4.44	3	5	3	20.44
Anastasja	FE	5.17	5.17	4.17	6.14	3.17	23.82
Rudi	FTP	3.44	4.44	4.44	5.44	2.44	20.2



Irwan	FE	3	3.44	4	6	3.55	19.99
Agung	FTP	1.34	2	4	2.55	3	12.89
Deddy	FE	3.44	3.44	3.44	3.44	3.44	17.2
Robert	FE	3	5	4	6	3	21
Novi	FTP	1.44	2	6	6	3	18.44
Yosef	FTP	5	6	4	3	1	19
Joelia	FE	3	4	3	7	2	19
Chandra	FTP	2.34	2.44	3.34	3.34	2.34	13.8
Yoseph	FTP	3	3	4	4	5.44	19.44
<b>TOTAL</b>		<b>179.24</b>	<b>195.11</b>	<b>208.37</b>	<b>217.64</b>	<b>203.02</b>	<b>1003.38</b>

Keterangan:

- 923 = 100% *white meat* : 0% *skin*
- 672 = 96% *white meat* : 4% *skin*
- 356 = 86% *white meat* : 14% *skin*
- 497 = 76% *white meat* : 24% *skin*
- 812 = 66% *white meat* : 34% *skin*

#### B. HASIL ANALISA SIDIK RAGAM ORGANOLEPTIK TEKSTUR BAKSO KALKUN

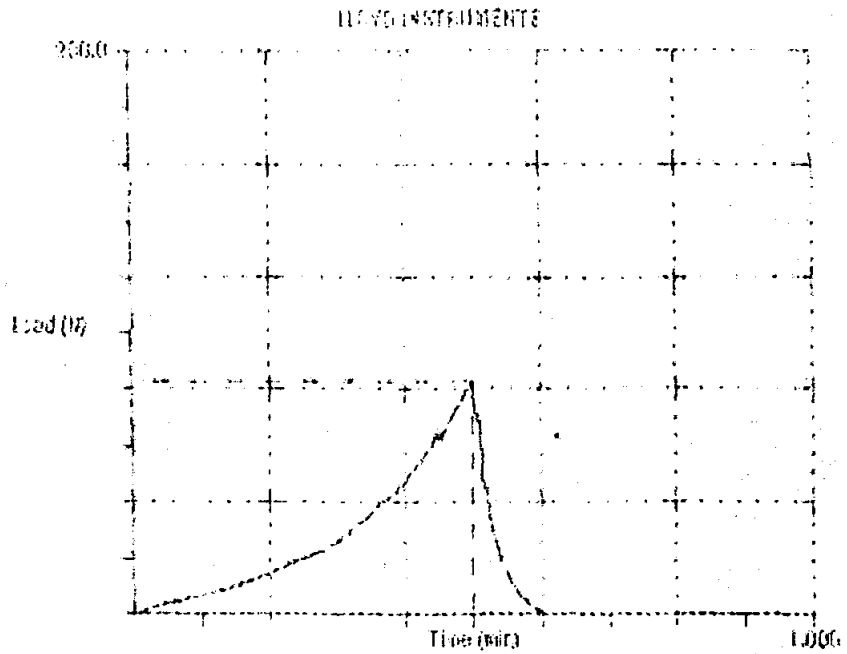
Sumber variasi	Db	JK	RJK	F hitung	F tabel	
					$\alpha = 0.05$	$\alpha = 0.1$
Ulangan	49	129.991	2.653	1.752*	1.44	
Proporsi	4	16.859	4.215	2.773*	2.41	
Galat	196	297.886	1.520			
<b>Total</b>	<b>249</b>	<b>444.736</b>				

Keterangan: F hitung > F tabel, berarti ada beda nyata

\* = ada beda nyata

Lampiran 15

**Texture Profile Analysis Hardness**

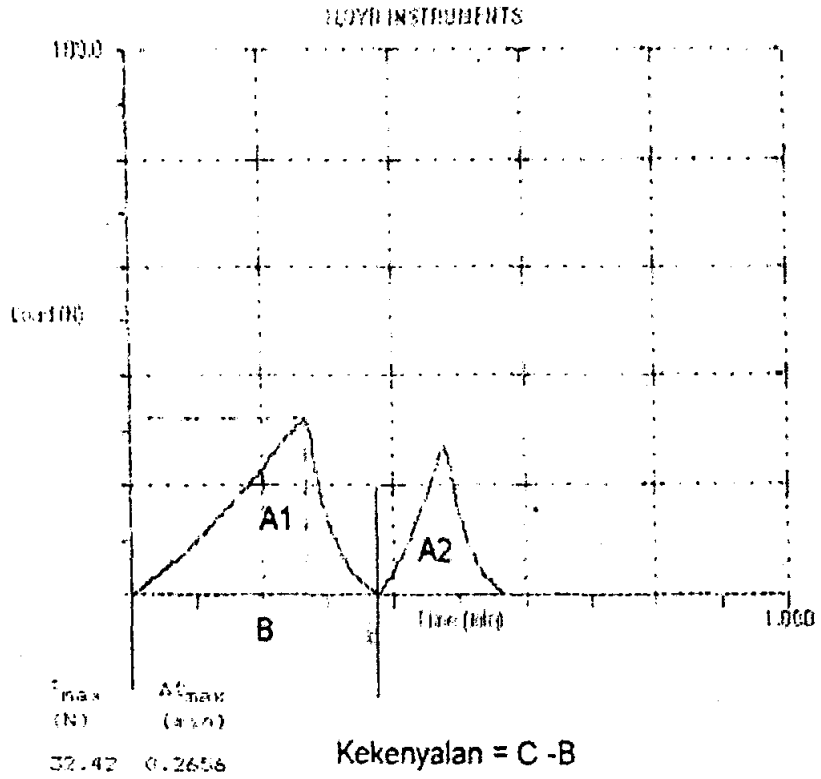


F <sub>max</sub> (N)	t <sub>max</sub> (min)
62.14	0.4983

Sat 9 Nov 2002  
Auto Return.....ON  
Auto Zero.....ON  
Cycle.....ON  
Count.....1  
Upper Cycle Limit.....15.00 mm  
Lower Cycle Limit.....0.000 mm  
Mode.....Compress  
Extensometer.....Internal  
Test Speed.....35.00 mm/min  
Ind. Speed.....10.00 mm/min  
Width.....11.00 mm  
Depth.....25.00 mm  
Gauge Length.....11.00 mm  
Data saved as file: R:\Y21.CDA

Lampiran 16

*Texture Profile Analysis Elasticity*



Kekenyalan = C - B  
C = tetapan waktu untuk tanah liat

Sat: 9 Nov 2002  
Auto Return.....DN  
Auto Zero.....DN  
Cycle.....DN  
Count.....2  
Upper Cycle Limit...8.000 mm  
Lower Cycle Limit...5.000 mm  
Mode.....Compression  
Extensometer.....Internal  
Test Speed .....30.00 mm/min  
Inch Speed .....10.00 mm/min  
Width .....25.00 mm  
Depth .....25.00 mm  
Sample Length .....25.00 mm  
Data saved as file: A:\EY31.D04

Lampiran 17

Analisa Uji Perlakuan Terbaik (*Effectiveness Index*)

Variabel	BV	BN	S1W1		S2W2		S3W3		S4W4		S5W5	
			ne	nh	ne	nh	ne	nh	ne	nh	ne	nh
O. Tekstur	1	0.1075	0	0.0000	0.202	0.0217	0.7906	0.0850	1	0.1075	0.4894	0.0526
O. Rasa	1	0.1075	0	0.0000	0.4128	0.0444	0.7578	0.0815	1	0.1075	0.6184	0.0665
O. Aroma	1	0.1075	0	0.0000	0.5451	0.0586	0.9016	0.0969	1	0.1075	0.3361	0.0361
TPA Hardness	0.9	0.0968	1	0.0968	0.882	0.0854	0.2785	0.0270	0	0.0000	0.2786	0.0270
TPA Elastisitas	0.9	0.0968	1	0.0968	0.1375	0.0133	0.3547	0.0343	0.149	0.0144	0	0.0000
WHC	0.8	0.0860	0.6597	0.0567	0.6464	0.0556	1	0.0860	0.0701	0.0060	0	0.0000
Juiciness	0.8	0.0860	0.1768	0.0152	0.7431	0.0639	0	0.0000	1	0.0860	0.9796	0.0843
Kestabilan Emulsi	0.8	0.0860	1	0.0860	0.625	0.0538	1	0.0860	0	0.0000	0	0.0000
Kadar Air	0.7	0.0753	0.7278	0.0548	0.8415	0.0633	1	0.0753	0.1596	0.0120	0	0.0000
Kadar Protein	0.7	0.0753	1	0.0753	0.5196	0.0391	0.3479	0.0262	0.2087	0.0157	0	0.0000
Kadar Lemak	0.7	0.0753	0	0.0000	0.199	0.0150	0.2496	0.0188	0.385	0.0290	1	0.0753
Total	9.3		0.4816		0.5141		0.6170		0.4858		0.3418	

BV = Bobot Variabel

BN = Bobot Normal

ne = nilai efektivitas

nh = nilai hasil

Contoh perhitungan:

Nilai perlakuan (S1W1) = 4.409

Nilai terjelek (S1W1) = 4.409

Nilai terbaik (S1W1) = 4.636

Bobot variabel = 1

Total bobot variabel = 9.3

$$\text{Bobot Normal} = \frac{\text{BV}}{\text{Total Bobot Variabel}}$$

$$= \frac{1}{9.3} = 0.1075$$

$$\text{Nilai efektivitas} = \frac{\text{Nilai perlakuan} - \text{Nilai Terjelek}}{\text{Nilai terbaik} - \text{Nilai terjelek}}$$

$$= \frac{4.409 - 4.409}{4.636 - 4.409} = 0$$

$$\text{Nilai Hasil} = \text{ne} \times \text{BN} = 0 \times 0.1075 = 0$$

