# 7. LAMPIRAN

Lampiran 1. Kuisioner Untuk Uji Organoleptik

**KUISIONER ORGANOLEPTIK TAHU GORENG**

Nama          :

Tanggal       :

Umur          :

Jenis Kelamin :

Berikut ini terdapat 16 sampel tahu goreng. Panelis diminta untuk memberikan nilai yang paling sesuai pada kolom yang tersedia sesuai dengan keterangan yang ada :

| Kode Sampel | Parameter | | |
|---|---|---|---|
| | Warna | Tekstur | Aroma |
| 138 | | | |
| 245 | | | |
| 318 | | | |
| 486 | | | |
| 579 | | | |
| 613 | | | |
| 735 | | | |
| 812 | | | |
| 136 | | | |
| 201 | | | |
| 313 | | | |
| 486 | | | |
| 579 | | | |
| 631 | | | |
| 742 | | | |
| 813 | | | |

Keterangan :

1       : Sangat tidak suka

2       : Cukup suka

3       : Agak Suka

4       : Suka

5       : Sangat suka

Lampiran 2. Tabel Skor Uji Organoleptik dan Perhitungan Skor

| Parameter | Sampel | Skor | | | | | Rata- rata skor |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | |
| Warna | 6x6 150  Non Formalin (138) | 9 | 14 | 15 | 16 | - | 2,16 |
| Warna | 6x6 150   Formalin (245) | 16 | 6 | 12 | 8 | - | 1,68 |
| Warna | Dd 150  Non Formalin (318) | 6 | 18 | 12 | 16 | 10 | 2,48 |
| Warna | Dd 150  Formalin (486) | 6 | 14 | 12 | 24 | 10 | 2,64 |
| Warna | 6x6 170 Non Formalin (579) | 2 | 8 | - | 60 | 20 | 3,6 |
| Warna | 6x6 170 Formalin (613) | - | 4 | 45 | 32 | - | 3,24 |
| Warna | Dd 170 Non Formalin (735) | - | 2 | 24 | 56 | 10 | 3,68 |
| Warna | Dd 170 Formalin (812) | - | 4 | 18 | 68 | - | 3,6 |
| Warna | 6x6 190 Non Formalin (136) | 4 | 4 | 18 | 84 | 10 | 4,16 |
| Warna | 6x6 190 Formalin (201) | 4 | 4 | 45 | 16 | - | 2,76 |
| Warna | Dd 190 Non Formalin (313) | - | 12 | 12 | 44 | 20 | 3,52 |
| Warna | Dd 190 Formalin (476) | 2 | 8 | 27 | 24 | 20 | 3,24 |
| Warna | 6x6 SF Non Formalin (539) | 2 | 20 | 6 | 28 | 20 | 3,04 |
| Warna | 6x6 SF Formalin(631) | - | 4 | 24 | 44 | 20 | 3,68 |
| Warna | Dd SF Non Formalin(742) | - | - | 24 | 60 | 10 | 3,76 |
| Warna | Dd SF Formalin (813) | - | 10 | 24 | 24 | 30 | 3,52 |
| Tekstur | 6x6 150  Non Formalin (138) | 9 | 12 | 24 | 8 | - | 2,12 |
| Tekstur | 6x6 150   Formalin (245) | 11 | 12 | 6 | 16 | 10 | 2,2 |
| Tekstur | Dd 150  Non Formalin (318) | 4 | 4 | 39 | 24 | - | 2,84 |
| Tekstur | Dd 150  Formalin (486) | 4 | 8 | 27 | 24 | 10 | 2,92 |
| Tekstur | 6x6 170 Non Formalin (579) | 3 | 8 | 30 | 24 | 10 | 3 |
| Tekstur | 6x6 170 Formalin (613) | 4 | 10 | 24 | 24 | 10 | 2,88 |
| Tekstur | Dd 170 Non Formalin (735) | - | 14 | 18 | 32 | 20 | 3,36 |
| Tekstur | Dd 170 Formalin (812) | - | 14 | 12 | 40 | 20 | 3,44 |
| Tekstur | 6x6 190 Non Formalin (136) | 4 | 18 | 30 | - | 10 | 2,48 |
| Tekstur | 6x6 190 Formalin (201) | 2 | 16 | 30 | 20 | - | 2,72 |
| Tekstur | Dd 190 Non Formalin (313) | 2 | 20 | 27 | 8 | 10 | 2,68 |
| Tekstur | Dd 190 Formalin (476) | 4 | 20 | 18 | 12 | 10 | 2,56 |
| Tekstur | 6x6 SF Non Formalin (539) | 2 | 8 | 51 | 8 | - | 2,76 |
| Tekstur | 6x6 SF Formalin(631) | 4 | 12 | 33 | 16 | - | 2,6 |
| Tekstur | Dd SF Non Formalin(742) | 2 | - | 45 | 16 | 20 | 3,32 |
| Tekstur | Dd SF Formalin (813) | 5 | 8 | 36 | 8 | 10 | 2,68 |
| Aroma | 6x6 150  Non Formalin (138) | 2 | 14 | 6 | 48 | 10 | 3,2 |
| Aroma | 6x6 150   Formalin (245) | 7 | 20 | 18 | 8 | - | 2,12 |
| Aroma | Dd 150  Non Formalin (318) | 2 | 14 | 12 | 48 | - | 3,04 |
| Aroma | Dd 150  Formalin (486) | 6 | 18 | 18 | 16 | - | 2,32 |
| Aroma | 6x6 170 Non Formalin (579) | - | 8 | 18 | 52 | 10 | 3,52 |
| Aroma | 6x6 170 Formalin (613) | 8 | 26 | 6 | 8 | - | 1,92 |
| Aroma | Dd 170 Non Formalin (735) | - | 4 | 36 | 36 | 10 | 3,44 |
| Aroma | Dd 170 Formalin (812) | 7 | 12 | 18 | 24 | - | 2,44 |
| Aroma | 6x6 190 Non Formalin (136) | 2 | 4 | 12 | 68 | - | 3,44 |
| Aroma | 6x6 190 Formalin (201) | 8 | 14 | 30 | - | - | 2,08 |
| Aroma | Dd 190 Non Formalin (313) | - | 4 | 6 | 48 | 45 | 4,12 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Aroma | Dd 190 Formalin (476) | 2 | 14 | 27 | 20 | 10 | 2,92 |
| Aroma | 6x6 SF Non Formalin (539) | 2 | - | 33 | 48 | - | 3,32 |
| Aroma | 6x6 SF Formalin(631) | 1 | 24 | 33 | 4 | - | 2,48 |
| Aroma | Dd SF Non Formalin(742) | 3 | - | 27 | 44 | 10 | 3,36 |
| Aroma | Dd SF Formalin (813) | 3 | 10 | 33 | 24 | - | 2,8 |

**Perhitungan Skor :**

**Warna**

$$138 = \frac{(1\times9) + (2\times7) + (3\times5) + (4\times4)}{25} = 2,16$$

$$245 = \frac{(1\times16) + (2\times3) + (3\times4) + (4\times2)}{25} = 1,68$$

$$318 = \frac{(1\times6) + (2\times9) + (3\times4) + (4\times4) + (5\times2)}{25} = 2,48$$

$$486 = \frac{(1\times6) + (2\times7) + (3\times4) + (4\times5) + (5\times2)}{25} = 2,64$$

$$579 = \frac{(1\times2) + (2\times4) + (4\times15) + (5\times4)}{25} = 3,6$$

$$613 = \frac{(2\times2) + (3\times15) + (4\times8)}{25} = 3,24$$

$$735 = \frac{(2\times1) + (3\times8) + (4\times14) + (5\times2)}{25} = 3,68$$

$$812 = \frac{(2\times2) + (3\times6) + (4\times17)}{25} = 3,6$$

$$136 = \frac{(4\times21) + (5\times4)}{25} = 4,16$$

$$201 = \frac{(1\times4) + (2\times2) + (3\times15) + (4\times4)}{25} = 2,76$$

$$313 = \frac{(2\times6) + (3\times4) + (4\times11) + (5\times4)}{25} = 3,52$$

$$476 = \frac{(1\times2)+(2\times4)+(3\times9)+(4\times6)+(5\times4)}{25} = 3{,}24$$

$$539 = \frac{(1\times2)+(2\times10)+(3\times2)+(4\times7)+(5\times4)}{25} = 3{,}04$$

$$631 = \frac{(2\times2)+(3\times8)+(4\times11)+(5\times4)}{25} = 3{,}68$$

$$742 = \frac{(3\times8)+(4\times15)+(5\times2)}{25} = 3{,}76$$

$$813 = \frac{(2\times5)+(3\times8)+(4\times6)+(5\times6)}{25} = 3{,}52$$

**Tekstur**

$$138 = \frac{(1\times9)+(2\times6)+(3\times8)+(4\times2)}{25} = 2{,}12$$

$$245 = \frac{(1\times11)+(2\times6)+(3\times2)+(4\times4)+(5\times2)}{25} = 2{,}2$$

$$318 = \frac{(1\times4)+(2\times2)+(3\times13)+(4\times6)}{25} = 2{,}84$$

$$486 = \frac{(1\times4)+(2\times4)+(3\times9)+(4\times6)+(5\times2)}{25} = 2{,}92$$

$$579 = \frac{(1\times3)+(2\times4)+(3\times10)+(4\times6)+(5\times2)}{25} = 3$$

$$613 = \frac{(1\times4)+(2\times5)+(3\times8)+(4\times6)+(5\times2)}{25} = 2{,}88$$

$$735 = \frac{(2\times7)+(3\times6)+(4\times8)+(5\times4)}{25} = 3{,}36$$

$$812 = \frac{(2\times7)+(3\times4)+(4\times11)+(5\times4)}{25} = 3{,}44$$

$$136 = \frac{(1\times4)+(2\times9)+(3\times10)+(5\times2)}{25} = 2{,}48$$

$$201 = \frac{(1\times2)+(2\times8)+(3\times10)+(4\times5)}{25} = 2,48$$

$$313 = \frac{(1\times2)+(2\times10)+(3\times9)+(4\times2)+(5\times2)}{25} = 2,68$$

$$476 = \frac{(1\times4)+(2\times10)+(3\times6)+(4\times3)+(5\times2)}{25} = 2,56$$

$$539 = \frac{(1\times2)+(2\times4)+(3\times17)+(4\times2)}{25} = 2,76$$

$$631 = \frac{(1\times4)+(2\times6)+(3\times11)+(4\times4)}{25} = 2,6$$

$$742 = \frac{(1\times2)+(3\times15)+(4\times4)+(5\times4)}{25} = 3,32$$

$$813 = \frac{(1\times5)+(2\times4)+(3\times12)+(4\times2)+(5\times2)}{25} = 2,68$$

**Aroma**

$$138 = \frac{(1\times2)+(2\times7)+(3\times2)+(4\times12)+(5\times2)}{25} = 3,2$$

$$245 = \frac{(1\times7)+(2\times10)+(3\times6)+(4\times2)}{25} = 2,12$$

$$318 = \frac{(1\times2)+(2\times7)+(3\times4)+(4\times12)}{25} = 3,04$$

$$486 = \frac{(1\times6)+(2\times9)+(3\times6)+(4\times4)}{25} = 2,32$$

$$579 = \frac{(2\times4)+(3\times6)+(4\times13)+(5\times2)}{25} = 3,52$$

$$613 = \frac{(1\times8)+(2\times13)+(3\times2)+(4\times2)}{25} = 1,92$$

$$735 = \frac{(2\times2)+(3\times12)+(4\times9)+(5\times2)}{25} = 3,44$$

$$812 = \frac{(1\times7)+(2\times6)+(3\times6)+(4\times6)}{25} = 2,44$$

$$136 = \frac{(1\times2)+(2\times2)+(3\times4)+(4\times17)}{25} = 3,44$$

$$201 = \frac{(1\times8)+(2\times7)+(3\times10)}{25} = 2,08$$

$$313 = \frac{(2\times2)+(3\times2)+(4\times12)+(5\times9)}{25} = 4,12$$

$$476 = \frac{(1\times2)+(2\times7)+(3\times9)+(4\times5)+(5\times2)}{25} = 2,92$$

$$539 = \frac{(1\times2)+(3\times11)+(4\times12)}{25} = 3,32$$

$$631 = \frac{(1\times1)+(2\times12)+(3\times11)+(4\times1)}{25} = 2,48$$

$$742 = \frac{(1\times3)+(3\times9)+(4\times11)+(5\times2)}{25} = 3,36$$

$$813 = \frac{(1\times3)+(2\times5)+(3\times11)+(4\times6)}{25} = 2,8$$
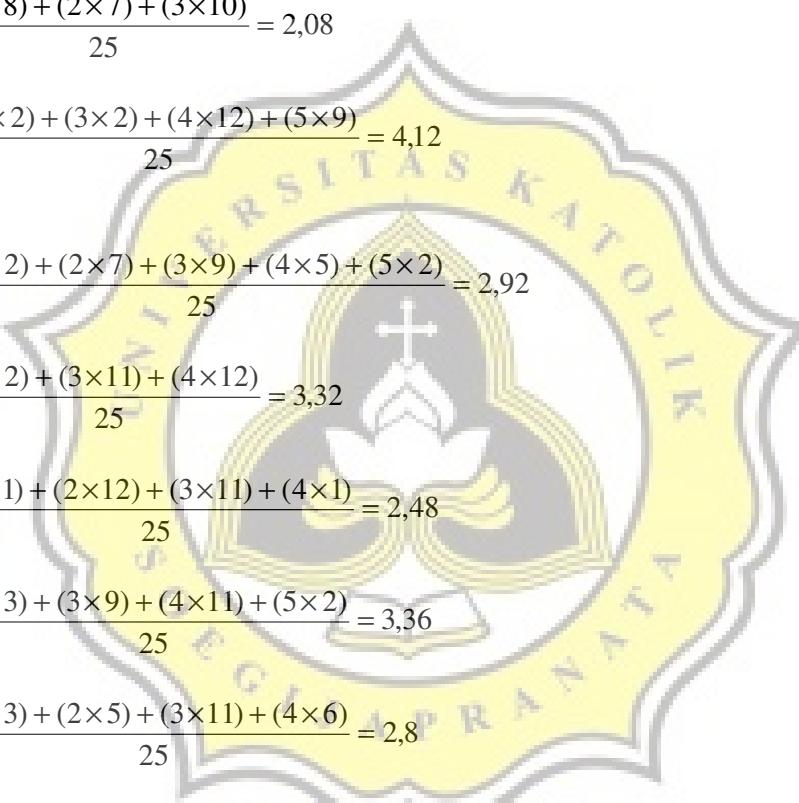
Lampiran 3. Foto – Foto Hasil Penelitian

Tahu goreng yang dihasilkan pada penelitian ini dapat dilihat pada Gambar 12 sampai Gambar 13.



| a | b | c | d |

| e | f | g | h |
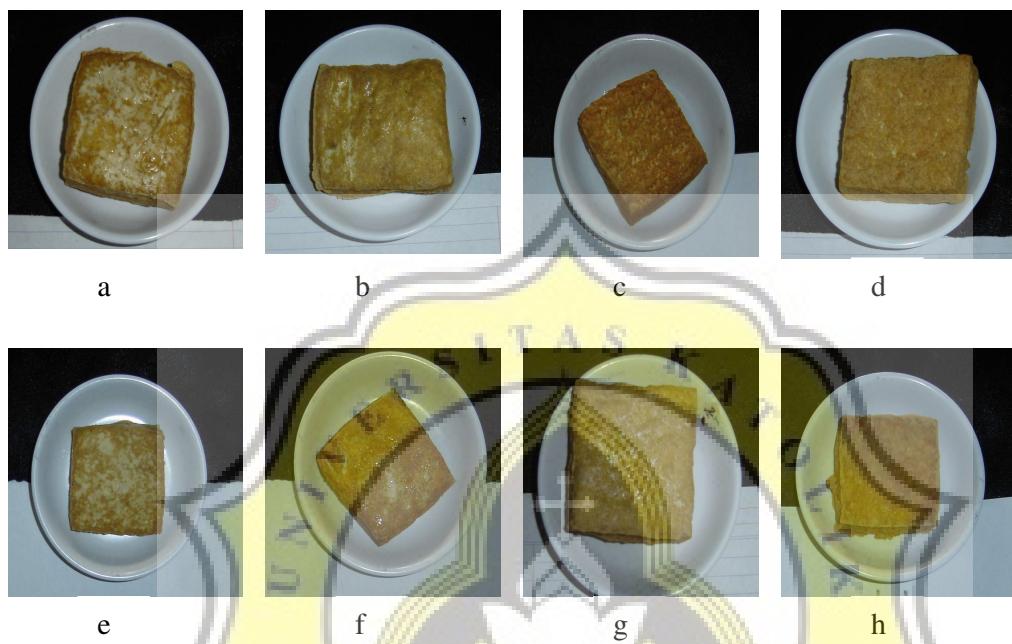
Gambar 12.  Tahu Ukuran Besar Setelah Penggorengan
(a) *Deep Fat Frying* 150 $^{o}$ C Formalin.
(b) *Deep Fat Frying* 170$^{o}$ C Formalin.
(c) *Deep Fat Frying* 190$^{o}$ C Formalin.
(d) *Shallow Frying* Formalin.
(e) *Deep Fat Frying* 150 $^{o}$ C Tanpa Formalin
(f) *Deep Fat Frying* 170$^{o}$ C Tanpa Formalin
(g) *Deep Fat Frying* 190$^{o}$ C Tanpa Formalin
(h) *Shallow Frying* Tanpa Formalin
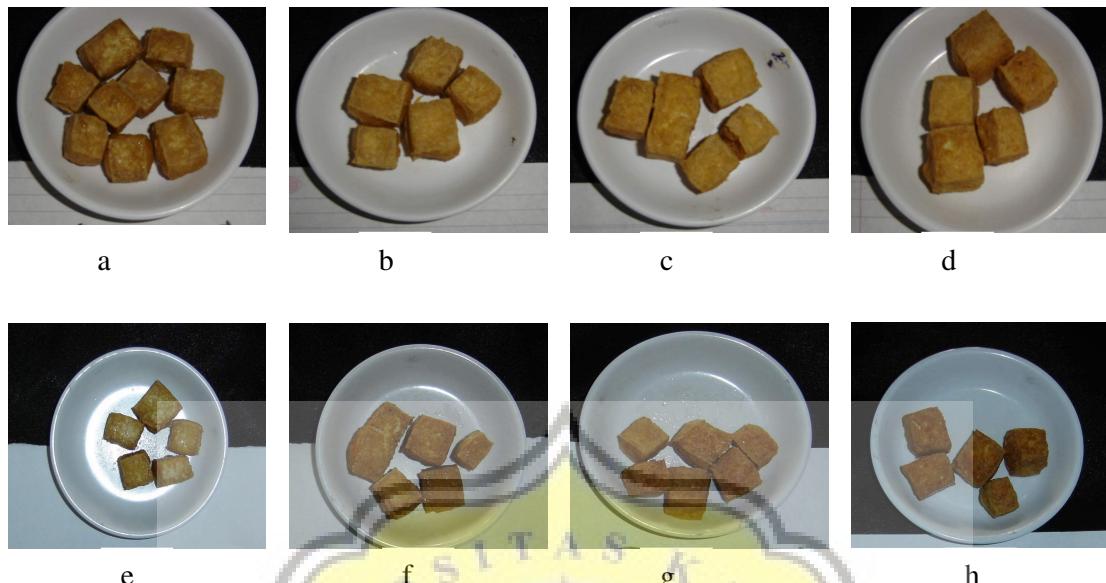
Gambar 13.  Tahu Ukuran Kecil Setelah Penggorengan
(a)  *Deep Fat Frying* 150 $^o$ C Formalin.
(b)  *Deep Fat Frying* 170$^o$ C Formalin.
(c)  *Deep Fat Frying* 190$^o$ C Formalin.
(d)  *Shallow Frying* Formalin.
(e)  *Deep Fat Frying* 150 $^o$ C Tanpa Formalin
(f)   *Deep Fat Frying* 170$^o$ C Tanpa Formalin
(g)  *Deep Fat Frying* 190$^o$ C Tanpa Formalin
(h)  *Shallow Frying* Tanpa Formalin

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Lampiran 4. Analisa Normalitas dan Uji Signifikansi Kadar Air Goreng.

**Tests of Normality**

| | KOMBINAS | Kolmogorov-Smirnov [a] | | | Shapiro-Wilk | | |
|---|---|---|---|---|---|---|---|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| KDR_AIR | formalin 6x6 shallow suhu tetap | ,201 | 6 | ,200* | ,939 | 6 | ,654 |
| | formalin 6x6 deep fat suhu 150 | ,193 | 6 | ,200* | ,971 | 6 | ,897 |
| | formalin 6x6 deep fat suhu 170 | ,225 | 6 | ,200* | ,929 | 6 | ,575 |
| | formalin 6x6 deep fat suhu 190 | ,195 | 6 | ,200* | ,932 | 6 | ,592 |
| | formalin dadu shallow suhu tetap | ,242 | 6 | ,200* | ,843 | 6 | ,138 |
| | formalin dadu deep fat suhu 150 | ,247 | 6 | ,200* | ,879 | 6 | ,266 |
| | formalin dadu deep fat suhu 170 | ,249 | 6 | ,200* | ,887 | 6 | ,304 |
| | formalin dadu deep fat suhu 190 | ,218 | 6 | ,200* | ,883 | 6 | ,282 |
| | non formlin 6x6 shallow suhu tetap | ,176 | 6 | ,200* | ,979 | 6 | ,946 |
| | non formalin 6x6 deep fat suhu 150 | ,197 | 6 | ,200* | ,894 | 6 | ,341 |
| | non formalin 6x6 deep fat suhu 170 | ,154 | 6 | ,200* | ,989 | 6 | ,987 |
| | non formalin 6x6 deep fat suhu 190 | ,216 | 6 | ,200* | ,918 | 6 | ,490 |
| | non formalin dadu shallow suhu tetap | ,191 | 6 | ,200* | ,953 | 6 | ,767 |
| | non formalin dadu deep fat suhu 150 | ,242 | 6 | ,200* | ,845 | 6 | ,145 |
| | non formalin dadu deep fat suhu 170 | ,267 | 6 | ,200* | ,861 | 6 | ,193 |
| | non formalin dadu deep fat suhu 190 | ,251 | 6 | ,200* | ,882 | 6 | ,280 |

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

a. Lilliefors Significance Correction

Lampiran 5. Analisa Normalitas dan Uji Signifikansi Kadar Lemak Tahu Goreng.

**Tests of Normality**

| | KOMBINAS | Kolmogorov-Smirnov[a] | | | Shapiro-Wilk | | |
|---|---|---|---|---|---|---|---|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| KDR_LMAK | formalin 6x6 shallow suhu tetap | ,205 | 6 | ,200* | ,902 | 6 | ,385 |
| | formalin 6x6 deep fat suhu 150 | ,193 | 6 | ,200* | ,898 | 6 | ,364 |
| | formalin 6x6 deep fat suhu 170 | ,250 | 6 | ,200* | ,904 | 6 | ,396 |
| | formalin 6x6 deep fat suhu 190 | ,251 | 6 | ,200* | ,920 | 6 | ,503 |
| | formalin dadu shallow suhu tetap | ,243 | 6 | ,200* | ,832 | 6 | ,111 |
| | formalin dadu deep fat suhu 150 | ,172 | 6 | ,200* | ,922 | 6 | ,522 |
| | formalin dadu deep fat suhu 170 | ,237 | 6 | ,200* | ,838 | 6 | ,126 |
| | formalin dadu deep fat suhu 190 | ,238 | 6 | ,200* | ,945 | 6 | ,703 |
| | non formlin 6x6 shallow suhu tetap | ,232 | 6 | ,200* | ,846 | 6 | ,146 |
| | non formalin 6x6 deep fat suhu 150 | ,205 | 6 | ,200* | ,919 | 6 | ,497 |
| | non formalin 6x6 deep fat suhu 170 | ,201 | 6 | ,200* | ,964 | 6 | ,851 |
| | non formalin 6x6 deep fat suhu 190 | ,238 | 6 | ,200* | ,921 | 6 | ,515 |
| | non formalin dadu shallow suhu tetap | ,252 | 6 | ,200* | ,892 | 6 | ,331 |
| | non formalin dadu deep fat suhu 150 | ,251 | 6 | ,200* | ,872 | 6 | ,233 |
| | non formalin dadu deep fat suhu 170 | ,184 | 6 | ,200* | ,907 | 6 | ,419 |
| | non formalin dadu deep fat suhu 190 | ,138 | 6 | ,200* | ,971 | 6 | ,896 |

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

a. Lilliefors Significance Correction

Lampiran 6. Analisa Normalitas dan Uji Signifikansi Tekstur Tahu Goreng.

**Tests of Normality**

| | KOMBINAS | Kolmogorov-Smirnov[a] | | | Shapiro-Wilk | | |
|---|---|---|---|---|---|---|---|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| TEKSTUR | formalin 6x6 shallow suhu tetap | ,153 | 6 | ,200* | ,968 | 6 | ,876 |
| | formalin 6x6 deep fat suhu 150 | ,225 | 6 | ,200* | ,813 | 6 | ,077 |
| | formalin 6x6 deep fat suhu 170 | ,169 | 6 | ,200* | ,953 | 6 | ,761 |
| | formalin 6x6 deep fat suhu 190 | ,201 | 6 | ,200* | ,880 | 6 | ,268 |
| | formalin dadu shallow suhu tetap | ,189 | 6 | ,200* | ,954 | 6 | ,772 |
| | formalin dadu deep fat suhu 150 | ,259 | 6 | ,200* | ,902 | 6 | ,383 |
| | formalin dadu deep fat suhu 170 | ,218 | 6 | ,200* | ,881 | 6 | ,275 |
| | formalin dadu deep fat suhu 190 | ,212 | 6 | ,200* | ,904 | 6 | ,396 |
| | non formlin 6x6 shallow suhu tetap | ,176 | 6 | ,200* | ,973 | 6 | ,914 |
| | non formalin 6x6 deep fat suhu 150 | ,240 | 6 | ,200* | ,906 | 6 | ,408 |
| | non formalin 6x6 deep fat suhu 170 | ,211 | 6 | ,200* | ,928 | 6 | ,563 |
| | non formalin 6x6 deep fat suhu 190 | ,210 | 6 | ,200* | ,937 | 6 | ,636 |
| | non formalin dadu shallow suhu tetap | ,186 | 6 | ,200* | ,911 | 6 | ,442 |
| | non formalin dadu deep fat suhu 150 | ,180 | 6 | ,200* | ,917 | 6 | ,483 |
| | non formalin dadu deep fat suhu 170 | ,218 | 6 | ,200* | ,855 | 6 | ,171 |
| | non formalin dadu deep fat suhu 190 | ,183 | 6 | ,200* | ,948 | 6 | ,721 |

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

a. Lilliefors Significance Correction

Lampiran 7. Analisa Normalitas dan Uji Signifikansi Kadar Formaldehida Tahu Goreng.

**Tests of Normality[b,c,d,e,f,g,h,i]**

| | KOMBINAS | Kolmogorov-Smirnov[a] | | | Shapiro-Wilk | | |
|---|---|---|---|---|---|---|---|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| KDR_FORM | formalin 6x6 shallow suhu tetap | ,197 | 6 | ,200* | ,925 | 6 | ,539 |
| | formalin 6x6 deep fat suhu 150 | ,205 | 6 | ,200* | ,926 | 6 | ,548 |
| | formalin 6x6 deep fat suhu 170 | ,265 | 6 | ,200* | ,877 | 6 | ,254 |
| | formalin 6x6 deep fat suhu 190 | ,240 | 6 | ,200* | ,895 | 6 | ,347 |
| | formalin dadu shallow suhu tetap | ,220 | 6 | ,200* | ,933 | 6 | ,605 |
| | formalin dadu deep fat suhu 150 | ,186 | 6 | ,200* | ,939 | 6 | ,655 |
| | formalin dadu deep fat suhu 170 | ,248 | 6 | ,200* | ,853 | 6 | ,167 |
| | formalin dadu deep fat suhu 190 | ,176 | 6 | ,200* | ,980 | 6 | ,950 |

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

a. Lilliefors Significance Correction

b. KDR_FORM is constant when KOMBINAS = non formlin 6x6 shallow suhu tetap. It has been omitted.

c. KDR_FORM is constant when KOMBINAS = non formalin 6x6 deep fat suhu 150. It has been omitted.

d. KDR_FORM is constant when KOMBINAS = non formalin 6x6 deep fat suhu 170. It has been omitted.

e. KDR_FORM is constant when KOMBINAS = non formalin 6x6 deep fat suhu 190. It has been omitted.

f. KDR_FORM is constant when KOMBINAS = non formalin dadu shallow suhu tetap. It has been omitted.

g. KDR_FORM is constant when KOMBINAS = non formalin dadu deep fat suhu 150. It has been omitted.

h. KDR_FORM is constant when KOMBINAS = non formalin dadu deep fat suhu 170. It has been omitted.

i. KDR_FORM is constant when KOMBINAS = non formalin dadu deep fat suhu 190. It has been omitted.

Lampiran 8. Hasil Uji Deskriptif Kadar Air Tahu Goreng

**Descriptives**

KDR_AIR

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
|---|---|---|---|---|---|---|---|---|
| | | | | | Lower Bound | Upper Bound | | |
| formalin 6x6 shallow suhu tetap | 6 | 63,010212 | ,5244099 | ,2140895 | 62,459877 | 63,560546 | 62,2726 | 63,5981 |
| formalin 6x6 deep fat suhu 150 | 6 | 64,664661 | ,3620959 | ,1478250 | 64,284665 | 65,044657 | 64,1210 | 65,1115 |
| formalin 6x6 deep fat suhu 170 | 6 | 61,921593 | ,4367163 | ,1782887 | 61,463287 | 62,379899 | 61,2950 | 62,4268 |
| formalin 6x6 deep fat suhu 190 | 6 | 58,479925 | ,0467336 | ,0190789 | 58,430881 | 58,528969 | 58,4197 | 58,5389 |
| formalin dadu shallow suhu tetap | 6 | 53,195544 | ,5885178 | ,2402614 | 52,577933 | 53,813156 | 52,6222 | 53,9727 |
| formalin dadu deep fat suhu 150 | 6 | 55,455868 | ,4071791 | ,1662302 | 55,028560 | 55,883176 | 55,0044 | 55,9890 |
| formalin dadu deep fat suhu 170 | 6 | 53,054120 | ,6645696 | ,2713094 | 52,356697 | 53,751543 | 52,1987 | 53,8791 |
| formalin dadu deep fat suhu 190 | 6 | 50,411539 | ,1684450 | ,0687674 | 50,234767 | 50,588311 | 50,1033 | 50,5754 |
| non formlin 6x6 shallow suhu tetap | 6 | 60,929879 | ,4606331 | ,1880527 | 60,446474 | 61,413283 | 60,2403 | 61,6197 |
| non formalin 6x6 deep fat suhu 150 | 6 | 63,016365 | ,7014506 | ,2863660 | 62,280237 | 63,752492 | 62,2299 | 63,8492 |
| non formalin 6x6 deep fat suhu 170 | 6 | 61,299905 | ,2776585 | ,1133536 | 61,008520 | 61,591290 | 60,8848 | 61,6724 |
| non formalin 6x6 deep fat suhu 190 | 6 | 56,929193 | ,3859320 | ,1575561 | 56,524182 | 57,334203 | 56,4707 | 57,4967 |
| non formalin dadu shallow suhu tetap | 6 | 52,625488 | ,0023354 | ,0009534 | 52,623037 | 52,627939 | 52,6227 | 52,6295 |
| non formalin dadu deep fat suhu 150 | 6 | 54,621149 | ,2179298 | ,0889695 | 54,392445 | 54,849852 | 54,4469 | 55,0053 |
| non formalin dadu deep fat suhu 170 | 6 | 51,727369 | ,3943973 | ,1610120 | 51,313474 | 52,141263 | 51,2793 | 52,2348 |
| non formalin dadu deep fat suhu 190 | 6 | 49,767015 | ,4654698 | ,1900272 | 49,278534 | 50,255495 | 49,3059 | 50,4567 |
| Total | 96 | 56,944364 | 4,8637726 | ,4964067 | 55,958872 | 57,929856 | 49,3059 | 65,1115 |

Lampiran 9. Hasil Uji Deskriptif Kadar Lemak Tahu Goreng

**Descriptives**

KDR_LMAK

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
|---|---|---|---|---|---|---|---|---|
| | | | | | Lower Bound | Upper Bound | | |
| formalin 6x6 shallow suhu tetap | 6 | 43,784992 | ,6003175 | ,2450786 | 43,154998 | 44,414987 | 43,0983 | 44,5224 |
| formalin 6x6 deep fat suhu 150 | 6 | 40,897332 | ,5007010 | ,2044103 | 40,371879 | 41,422786 | 40,4327 | 41,7614 |
| formalin 6x6 deep fat suhu 170 | 6 | 42,733647 | ,3108459 | ,1269023 | 42,407434 | 43,059860 | 42,3903 | 43,2950 |
| formalin 6x6 deep fat suhu 190 | 6 | 44,897240 | ,6163030 | ,2516046 | 44,250470 | 45,544010 | 44,1449 | 45,7235 |
| formalin dadu shallow suhu tetap | 6 | 44,752676 | ,0169719 | ,0069288 | 44,734865 | 44,770487 | 44,7387 | 44,7835 |
| formalin dadu deep fat suhu 150 | 6 | 42,844968 | ,6227331 | ,2542297 | 42,191450 | 43,498486 | 42,2111 | 43,7928 |
| formalin dadu deep fat suhu 170 | 6 | 44,552147 | ,1342059 | ,0547893 | 44,411307 | 44,692988 | 44,3655 | 44,6747 |
| formalin dadu deep fat suhu 190 | 6 | 46,750975 | ,3826506 | ,1562165 | 46,349408 | 47,152542 | 46,1949 | 47,2354 |
| non formlin 6x6 shallow suhu tetap | 6 | 43,192693 | ,0933384 | ,0381053 | 43,094740 | 43,290645 | 43,1031 | 43,3130 |
| non formalin 6x6 deep fat suhu 150 | 6 | 42,682976 | ,5049781 | ,2061565 | 42,153034 | 43,212918 | 42,0750 | 43,3172 |
| non formalin 6x6 deep fat suhu 170 | 6 | 44,562271 | ,2200822 | ,0898482 | 44,331309 | 44,793233 | 44,2845 | 44,9270 |
| non formalin 6x6 deep fat suhu 190 | 6 | 46,710120 | ,4884855 | ,1994234 | 46,197486 | 47,222754 | 46,1143 | 47,5766 |
| non formalin dadu shallow suhu tetap | 6 | 45,495628 | ,1419427 | ,0579479 | 45,346668 | 45,644588 | 45,3615 | 45,7227 |
| non formalin dadu deep fat suhu 150 | 6 | 44,949848 | ,4837395 | ,1974858 | 44,442194 | 45,457501 | 44,4853 | 45,6676 |
| non formalin dadu deep fat suhu 170 | 6 | 46,917435 | ,6110619 | ,2494650 | 46,276165 | 47,558706 | 46,2902 | 47,7764 |
| non formalin dadu deep fat suhu 190 | 6 | 48,782443 | ,6094140 | ,2487922 | 48,142902 | 49,421984 | 48,0634 | 49,6934 |
| Total | 96 | 44,656712 | 1,9817396 | ,2022604 | 44,255174 | 45,058250 | 40,4327 | 49,6934 |

Lampiran 10. Hasil Uji Deskriptif Tekstur Tahu Goreng

**Descriptives**

TEKSTUR

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
|---|---|---|---|---|---|---|---|---|
| | | | | | Lower Bound | Upper Bound | | |
| formalin 6x6 shallow suhu tetap | 6 | ,844877 | ,0265844 | ,0108530 | ,816979 | ,872776 | ,8084 | ,8790 |
| formalin 6x6 deep fat suhu 150 | 6 | ,730909 | ,0263091 | ,0107407 | ,703300 | ,758519 | ,7110 | ,7797 |
| formalin 6x6 deep fat suhu 170 | 6 | ,975914 | ,0026081 | ,0010648 | ,973177 | ,978651 | ,9721 | ,9788 |
| formalin 6x6 deep fat suhu 190 | 6 | 1,173690 | ,0024180 | ,0009872 | 1,171152 | 1,176227 | 1,1710 | 1,1764 |
| formalin dadu shallow suhu tetap | 6 | ,814989 | ,0028287 | ,0011548 | ,812021 | ,817958 | ,8102 | ,8187 |
| formalin dadu deep fat suhu 150 | 6 | ,615747 | ,0009921 | ,0004050 | ,614706 | ,616788 | ,6146 | ,6175 |
| formalin dadu deep fat suhu 170 | 6 | ,913592 | ,0002749 | ,0001122 | ,913303 | ,913880 | ,9131 | ,9139 |
| formalin dadu deep fat suhu 190 | 6 | 1,136568 | ,0003299 | ,0001347 | 1,136222 | 1,136915 | 1,1361 | 1,1369 |
| non formlin 6x6 shallow suhu tetap | 6 | ,383331 | ,0008919 | ,0003641 | ,382395 | ,384267 | ,3821 | ,3846 |
| non formalin 6x6 deep fat suhu 150 | 6 | ,342849 | ,0000431 | ,0000176 | ,342804 | ,342895 | ,3428 | ,3429 |
| non formalin 6x6 deep fat suhu 170 | 6 | ,423113 | ,0000814 | ,0000332 | ,423027 | ,423198 | ,4230 | ,4232 |
| non formalin 6x6 deep fat suhu 190 | 6 | ,566587 | ,0024377 | ,0009952 | ,564029 | ,569145 | ,5638 | ,5699 |
| non formalin dadu shallow suhu tetap | 6 | ,374902 | ,0006530 | ,0002666 | ,374217 | ,375588 | ,3741 | ,3756 |
| non formalin dadu deep fat suhu 150 | 6 | ,334977 | ,0024231 | ,0009892 | ,332434 | ,337520 | ,3324 | ,3384 |
| non formalin dadu deep fat suhu 170 | 6 | ,413342 | ,0012594 | ,0005141 | ,412020 | ,414663 | ,4123 | ,4156 |
| non formalin dadu deep fat suhu 190 | 6 | ,521505 | ,0002891 | ,0001180 | ,521202 | ,521809 | ,5210 | ,5219 |
| Total | 96 | ,660431 | ,2787642 | ,0284513 | ,603948 | ,716914 | ,3324 | 1,1764 |

Lampiran 11. Hasil Uji Deskriptif Kadar Formaldehida Tahu Goreng.

**Descriptives**

KDR_FORM

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Minimum | Maximum |
|---|---|---|---|---|---|---|---|---|
| | | | | | Lower Bound | Upper Bound | | |
| formalin 6x6 shallow suhu tetap | 6 | 231,9598 | 2,7888057 | 1,1385251 | 229,033107 | 234,886451 | 227,1293 | 234,9369 |
| formalin 6x6 deep fat suhu 150 | 6 | 298,0284 | 8,1067799 | 3,3095790 | 289,520847 | 306,535935 | 284,6215 | 306,2697 |
| formalin 6x6 deep fat suhu 170 | 6 | 250,0591 | 4,7703971 | 1,9475065 | 245,052924 | 255,065373 | 244,4006 | 255,5205 |
| formalin 6x6 deep fat suhu 190 | 6 | 219,1049 | 4,9866817 | 2,0358043 | 213,871688 | 224,338091 | 210,2129 | 224,1719 |
| formalin dadu shallow suhu tetap | 6 | 200,2957 | 1,0242503 | ,4181484 | 199,220857 | 201,370626 | 199,0931 | 201,8139 |
| formalin dadu deep fat suhu 150 | 6 | 267,4125 | ,1482104 | ,0605067 | 267,256923 | 267,567998 | 267,2429 | 267,6609 |
| formalin dadu deep fat suhu 170 | 6 | 217,9022 | 5,5009794 | 2,2457655 | 212,129284 | 223,675132 | 211,2776 | 223,4621 |
| formalin dadu deep fat suhu 190 | 6 | 174,6254 | ,8511324 | ,3474733 | 173,732186 | 175,518603 | 173,4227 | 175,9069 |
| non formlin 6x6 shallow suhu tetap | 6 | ,000000 | ,0000000 | ,0000000 | ,000000 | ,000000 | ,0000 | ,0000 |
| non formalin 6x6 deep fat suhu 150 | 6 | ,000000 | ,0000000 | ,0000000 | ,000000 | ,000000 | ,0000 | ,0000 |
| non formalin 6x6 deep fat suhu 170 | 6 | ,000000 | ,0000000 | ,0000000 | ,000000 | ,000000 | ,0000 | ,0000 |
| non formalin 6x6 deep fat suhu 190 | 6 | ,000000 | ,0000000 | ,0000000 | ,000000 | ,000000 | ,0000 | ,0000 |
| non formalin dadu shallow suhu tetap | 6 | ,000000 | ,0000000 | ,0000000 | ,000000 | ,000000 | ,0000 | ,0000 |
| non formalin dadu deep fat suhu 150 | 6 | ,000000 | ,0000000 | ,0000000 | ,000000 | ,000000 | ,0000 | ,0000 |
| non formalin dadu deep fat suhu 170 | 6 | ,000000 | ,0000000 | ,0000000 | ,000000 | ,000000 | ,0000 | ,0000 |
| non formalin dadu deep fat suhu 190 | 6 | ,000000 | ,0000000 | ,0000000 | ,000000 | ,000000 | ,0000 | ,0000 |
| Total | 96 | 116,2118 | 119,6866729 | 12,21547 | 91,960977 | 140,462525 | ,0000 | 306,2697 |

Lampiran 12. Hasil Uji One-Way Anova dan Test Homogenitas

**ANOVA**

| | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|
| KDR_AIR | Between Groups | 2232,691 | 15 | 148,846 | 812,489 | ,000 |
| | Within Groups | 14,656 | 80 | ,183 | | |
| | Total | 2247,347 | 95 | | | |
| KDR_LMAK | Between Groups | 357,144 | 15 | 23,810 | 119,430 | ,000 |
| | Within Groups | 15,949 | 80 | ,199 | | |
| | Total | 373,093 | 95 | | | |
| TEKSTUR | Between Groups | 7,375 | 15 | ,492 | 5480,508 | ,000 |
| | Within Groups | ,007 | 80 | ,000 | | |
| | Total | 7,382 | 95 | | | |
| KDR_FORM | Between Groups | 1360100 | 15 | 90673,306 | 9471,203 | ,000 |
| | Within Groups | 765,886 | 80 | 9,574 | | |
| | Total | 1360865 | 95 | | | |

**Test of Homogeneity of Variances**

| | Levene Statistic | df1 | df2 | Sig. |
|---|---|---|---|---|
| KDR_AIR | 4,057 | 15 | 80 | ,000 |
| KDR_LMAK | 3,632 | 15 | 80 | ,000 |
| TEKSTUR | 8,006 | 15 | 80 | ,000 |
| KDR_FORM | 11,027 | 15 | 80 | ,000 |

Lampiran 13. Hasil Uji Post Hoc Kadar Air Tahu Goreng

**KDR_AIR**

Duncan[a]

| KOMBINAS | N | Subset for alpha = .05 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| non formalin dadu deep fat suhu 190 | 6 | 49,767015 | | | | | | | | | | | | |
| formalin dadu deep fat suhu 190 | 6 | | 50,411539 | | | | | | | | | | | |
| non formalin dadu deep fat suhu 170 | 6 | | | 51,727369 | | | | | | | | | | |
| non formalin dadu shallow suhu tetap | 6 | | | | 52,625488 | | | | | | | | | |
| formalin dadu deep fat suhu 170 | 6 | | | | 53,054120 | 53,054120 | | | | | | | | |
| formalin dadu shallow suhu tetap | 6 | | | | | 53,195544 | | | | | | | | |
| non formalin dadu deep fat suhu 150 | 6 | | | | | | 54,621149 | | | | | | | |
| formalin dadu deep fat suhu 150 | 6 | | | | | | | 55,455868 | | | | | | |
| non formalin 6x6 deep fat suhu 190 | 6 | | | | | | | | 56,929193 | | | | | |
| formalin 6x6 deep fat suhu 190 | 6 | | | | | | | | | 58,479925 | | | | |
| non formlin 6x6 shallow suhu tetap | 6 | | | | | | | | | | 60,929879 | | | |
| non formalin 6x6 deep fat suhu 170 | 6 | | | | | | | | | | 61,299905 | | | |
| formalin 6x6 deep fat suhu 170 | 6 | | | | | | | | | | | 61,921593 | | |
| formalin 6x6 shallow suhu tetap | 6 | | | | | | | | | | | | 63,010212 | |
| non formalin 6x6 deep fat suhu 150 | 6 | | | | | | | | | | | | 63,016365 | |
| formalin 6x6 deep fat suhu 150 | 6 | | | | | | | | | | | | | 64,664661 |
| Sig. | | 1,000 | 1,000 | 1,000 | ,087 | ,569 | 1,000 | 1,000 | 1,000 | 1,000 | ,138 | 1,000 | ,980 | 1,000 |

Means for groups in homogeneous subsets are displayed.

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

Lampiran 14. Hasil Uji Post Hoc Kadar Lemak Tahu Goreng.

**KDR_LMAK**

Duncan[a]

| KOMBINAS | N | Subset for alpha = .05 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| formalin 6x6 deep fat suhu 150 | 6 | 40,897332 | | | | | | |
| non formalin 6x6 deep fat suhu 150 | 6 | | 42,682976 | | | | | |
| formalin 6x6 deep fat suhu 170 | 6 | | 42,733647 | | | | | |
| formalin dadu deep fat suhu 150 | 6 | | 42,844968 | | | | | |
| non formlin 6x6 shallow suhu tetap | 6 | | 43,192693 | | | | | |
| formalin 6x6 shallow suhu tetap | 6 | | | 43,784992 | | | | |
| formalin dadu deep fat suhu 170 | 6 | | | | 44,552147 | | | |
| non formalin 6x6 deep fat suhu 170 | 6 | | | | 44,562271 | | | |
| formalin dadu shallow suhu tetap | 6 | | | | 44,752676 | | | |
| formalin 6x6 deep fat suhu 190 | 6 | | | | 44,897240 | | | |
| non formalin dadu deep fat suhu 150 | 6 | | | | 44,949848 | | | |
| non formalin dadu shallow suhu tetap | 6 | | | | | 45,495628 | | |
| non formalin 6x6 deep fat suhu 190 | 6 | | | | | | 46,710120 | |
| formalin dadu deep fat suhu 190 | 6 | | | | | | 46,750975 | |
| non formalin dadu deep fat suhu 170 | 6 | | | | | | 46,917435 | |
| non formalin dadu deep fat suhu 190 | 6 | | | | | | | 48,782443 |
| Sig. | | 1,000 | ,074 | 1,000 | ,176 | 1,000 | ,454 | 1,000 |

Means for groups in homogeneous subsets are displayed.

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

## Lampiran 15. Hasil Uji Post Hoc Tekstur Tahu Goreng

**TEKSTUR**

Duncan [a]

| KOMBINAS | N | Subset for alpha = .05 | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| non formalin dadu deep fat suhu 150 | 6 | ,334977 | | | | | | | | | | | | |
| non formalin 6x6 deep fat suhu 150 | 6 | ,342849 | | | | | | | | | | | | |
| non formalin dadu shallow suhu tetap | 6 | | ,374902 | | | | | | | | | | | |
| non formlin 6x6 shallow suhu tetap | 6 | | ,383331 | | | | | | | | | | | |
| non formalin dadu deep fat suhu 170 | 6 | | | ,413342 | | | | | | | | | | |
| non formalin 6x6 deep fat suhu 170 | 6 | | | ,423113 | | | | | | | | | | |
| non formalin dadu deep fat suhu 190 | 6 | | | | ,521505 | | | | | | | | | |
| non formalin 6x6 deep fat suhu 190 | 6 | | | | | ,566587 | | | | | | | | |
| formalin dadu deep fat suhu 150 | 6 | | | | | | ,615747 | | | | | | | |
| formalin 6x6 deep fat suhu 150 | 6 | | | | | | | ,730909 | | | | | | |
| formalin dadu shallow suhu tetap | 6 | | | | | | | | ,814989 | | | | | |
| formalin 6x6 shallow suhu tetap | 6 | | | | | | | | | ,844877 | | | | |
| formalin dadu deep fat suhu 170 | 6 | | | | | | | | | | ,913592 | | | |
| formalin 6x6 deep fat suhu 170 | 6 | | | | | | | | | | | ,975914 | | |
| formalin dadu deep fat suhu 190 | 6 | | | | | | | | | | | | 1,136568 | |
| formalin 6x6 deep fat suhu 190 | 6 | | | | | | | | | | | | | 1,173690 |
| Sig. | | ,154 | ,127 | ,078 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |

Means for groups in homogeneous subsets are displayed.

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

Lampiran 16. Hasil Uji Post Hoc Kadar Formaldehida Tahu Goreng

**KDR_FORM**

Duncan [a]

| KOMBINAS | N | Subset for alpha = .05 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| non formlin 6x6 shallow suhu tetap | 6 | ,000000 | | | | | | | |
| non formalin 6x6 deep fat suhu 150 | 6 | ,000000 | | | | | | | |
| non formalin 6x6 deep fat suhu 170 | 6 | ,000000 | | | | | | | |
| non formalin 6x6 deep fat suhu 190 | 6 | ,000000 | | | | | | | |
| non formalin dadu shallow suhu tetap | 6 | ,000000 | | | | | | | |
| non formalin dadu deep fat suhu 150 | 6 | ,000000 | | | | | | | |
| non formalin dadu deep fat suhu 170 | 6 | ,000000 | | | | | | | |
| non formalin dadu deep fat suhu 190 | 6 | ,000000 | | | | | | | |
| formalin dadu deep fat suhu 190 | 6 | | 174,6254 | | | | | | |
| formalin dadu shallow suhu tetap | 6 | | | 200,2957 | | | | | |
| formalin dadu deep fat suhu 170 | 6 | | | | 217,9022 | | | | |
| formalin 6x6 deep fat suhu 190 | 6 | | | | 219,1049 | | | | |
| formalin 6x6 shallow suhu tetap | 6 | | | | | 231,9598 | | | |
| formalin 6x6 deep fat suhu 170 | 6 | | | | | | 250,0591 | | |
| formalin dadu deep fat suhu 150 | 6 | | | | | | | 267,4125 | |
| formalin 6x6 deep fat suhu 150 | 6 | | | | | | | | 298,0284 |
| Sig. | | 1,000 | 1,000 | 1,000 | ,503 | 1,000 | 1,000 | 1,000 | 1,000 |

Means for groups in homogeneous subsets are displayed.

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

Lampiran 17. Hasil Uji Korelasi Formalin Terhadap Kadar Air, Lemak, Tekstur, dan Kadar Formaldehida Tahu Goreng

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- - -  P A R T I A L   C O R R E L A T I O N   C O E F F I C I E N T S  - - -

Controlling for..    FORMALIN

             KDR_AIR     KDR_LMAK     TEKSTUR     KDR_FORM

KDR_AIR       1,0000      -,7949      -,2448       ,5399
             (     0)    (    93)    (    93)     (    93)
             P= .        P= ,000     P= ,017      P= ,000

KDR_LMAK      -,7949      1,0000       ,6091      -,6185
             (    93)    (     0)    (    93)     (    93)
             P= ,000     P= .        P= ,000      P= ,000

TEKSTUR       -,2448       ,6091      1,0000      -,6035
             (    93)    (    93)    (     0)     (    93)
             P= ,017     P= ,000     P= .         P= ,000

KDR_FORM       ,5399      -,6185      -,6035      1,0000
             (    93)    (    93)    (    93)     (     0)
             P= ,000     P= ,000     P= ,000      P= .

(Coefficient / (D.F.) / 2-tailed Significance)

" , " is printed if a coefficient cannot be computed
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