

## 7. LAMPIRAN

### Lampiran 1. Uji Rating (Penerimaan)

#### UJI RATING (PENERIMAAN)

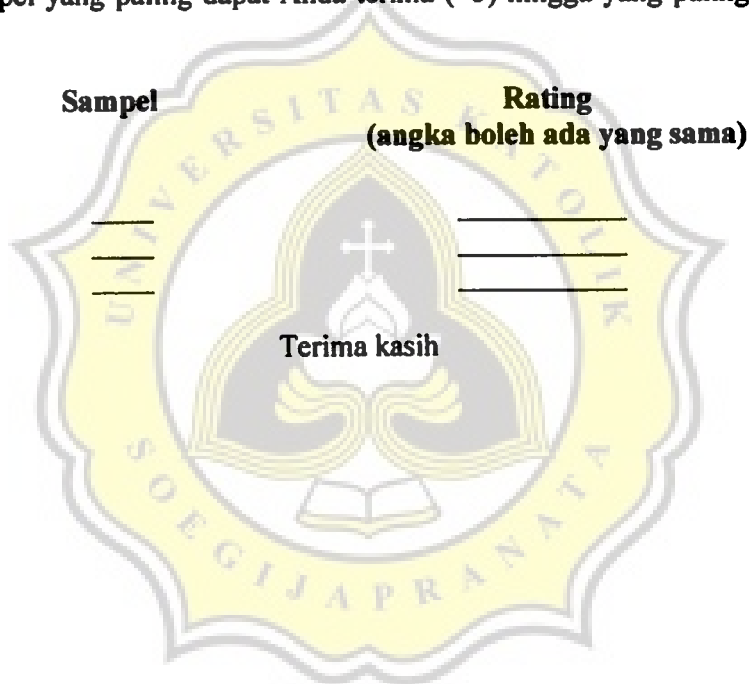
Nama :  
Produk : Tempe Kacang Koro Pedang Mentah  
Penilaian untuk : **Tekstur**  
Instruksi :

Tanggal:

Di hadapan Anda terdapat 3 sampel tempe kacang koro pedang. Amati masing-masing sampel dari kiri ke kanan dan tekanlah masing-masing sampel dengan menggunakan jari Anda untuk menilai tekstur tempe (kekerasan dan kekompakan/kepadatan). Berilah skor pada sampel yang paling dapat Anda terima (=5) hingga yang paling tidak dapat diterima (=1).

| Sampel | Rating<br>(angka boleh ada yang sama) |
|--------|---------------------------------------|
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Terima kasih



## UJI RATING (PENERIMAAN)

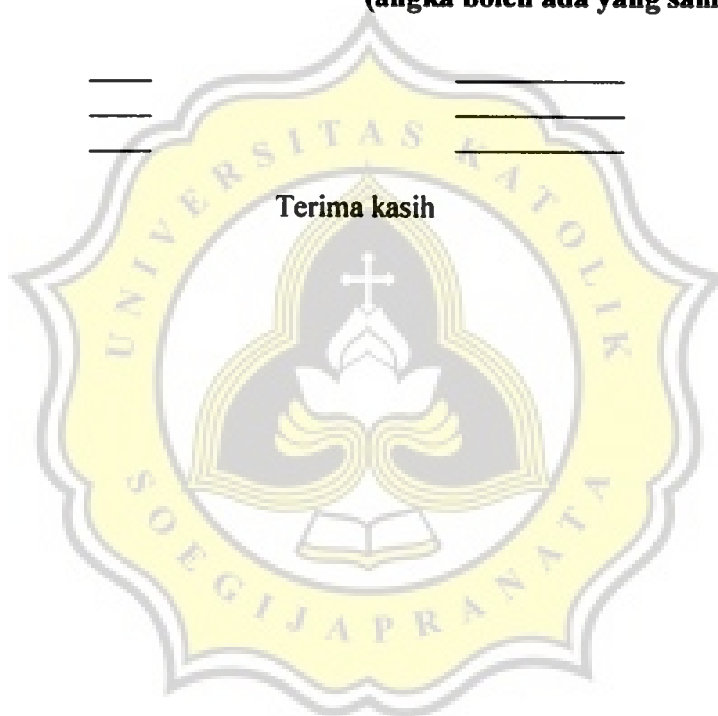
Nama : \_\_\_\_\_ Tanggal: \_\_\_\_\_  
 Produk : Tempe Kacang Koro Pedang Goreng  
 Penilaian untuk : **Tekstur**  
 Instruksi :

Di hadapan Anda terdapat 3 sampel tempe kacang koro pedang. Amati masing-masing sampel dari kiri ke kanan dan tekanlah masing-masing sampel dengan menggunakan jari Anda untuk menilai tekstur tempe (kekerasan dan kekompakan/kepadatan). Berilah skor pada sampel yang paling dapat Anda terima (=5) hingga yang paling tidak dapat diterima (=1).

| <b>Sampel</b> | <b>Rating</b><br>(angka boleh ada yang sama) |
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Terima kasih



**UJI RATING (PENERIMAAN)**

Nama : \_\_\_\_\_ Tanggal: \_\_\_\_\_  
Produk : Tempe Kacang Koro Pedang Mentah  
Penilaian untuk : **Warna**  
Instruksi :

Di hadapan Anda terdapat 3 sampel tempe kacang koro pedang. Amati masing-masing sampel dari kiri ke kanan untuk menilai warna. Berilah skor pada sampel dari yang paling dapat Anda terima (=5) hingga yang paling tidak dapat diterima (=1).

**Sampel** **Rating**  
**(angka boleh ada yang sama)**



## UJI RATING (PENERIMAAN)

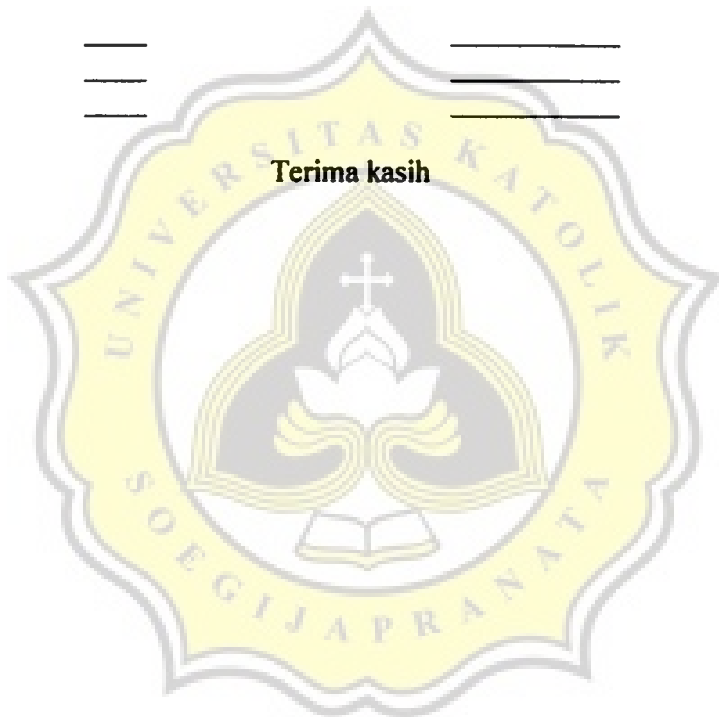
Nama : \_\_\_\_\_ Tanggal: \_\_\_\_\_  
 Produk : Tempe Kacang Koro Pedang Goreng  
 Penilaian untuk : **Warna**  
 Instruksi :

Di hadapan Anda terdapat 3 sampel tempe kacang koro pedang. Amati masing-masing sampel dari kiri ke kanan untuk menilai warna. Berilah skor pada sampel dari yang paling dapat Anda terima (=5) hingga yang paling tidak dapat diterima (=1).

| <b>Sampel</b> | <b>Rating</b><br>(angka boleh ada yang sama) |
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Terima kasih



## UJI RATING (PENERIMAAN)

Nama : \_\_\_\_\_ Tanggal: \_\_\_\_\_  
 Produk : **Tempe Kacang Koro Pedang Mentah**  
 Penilaian untuk : **Aroma**  
 Instruksi :

Di hadapan Anda terdapat 3 sampel tempe kacang koro pedang. Ciumlah aroma masing-masing sampel dari kiri ke kanan dengan menggunakan indera penciuman Anda dan berilah skor untuk menilai aroma. Berilah skor pada sampel dari yang paling dapat Anda terima (=5) hingga yang paling tidak dapat diterima (=1).

| <b>Sampel</b> | <b>Rating</b><br><b>(angka boleh ada yang sama)</b> |
|---------------|---|
|---------------|---|



## UJI RATING (PENERIMAAN)

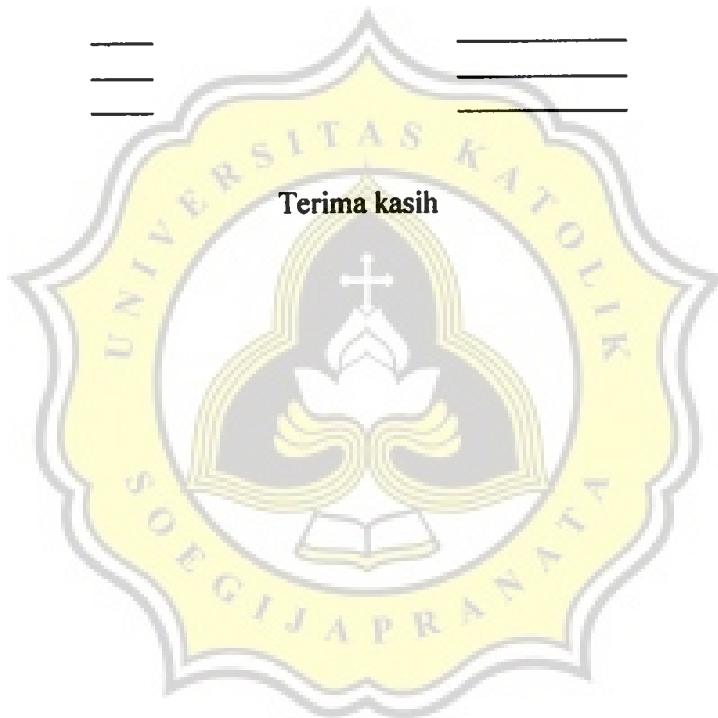
Nama : \_\_\_\_\_ Tanggal: \_\_\_\_\_  
 Produk : Tempe Kacang Koro Pedang Goreng  
 Penilaian untuk : **Aroma**  
 Instruksi :

Di hadapan Anda terdapat 3 sampel tempe kacang koro pedang. Ciumlah aroma masing-masing sampel dari kiri ke kanan dengan menggunakan indera penciuman Anda dan berilah skor untuk menilai aroma. Berilah skor pada sampel dari yang paling dapat Anda terima (=5) hingga yang paling tidak dapat diterima (=1).

| <b>Sampel</b> | <b>Rating</b><br>(angka boleh ada yang sama) |
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| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

Terima kasih



## UJI RATING (PENERIMAAN)

Nama : \_\_\_\_\_ Tanggal: \_\_\_\_\_  
 Produk : **Tempe Kacang Koro Pedang Mentah**  
 Penilaian untuk : **Overall**  
 Instruksi :

Di hadapan Anda terdapat 3 sampel tempe kacang koro pedang. Perhatikan masing-masing sampel dari kiri ke kanan untuk menilai secara keseluruhan setiap sampel yang Anda amati. Berilah skor pada sampel dari yang paling dapat Anda terima (=5) hingga yang paling tidak dapat diterima (=1).

**Sampel** **Rating**  
**(angka boleh ada yang sama)**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

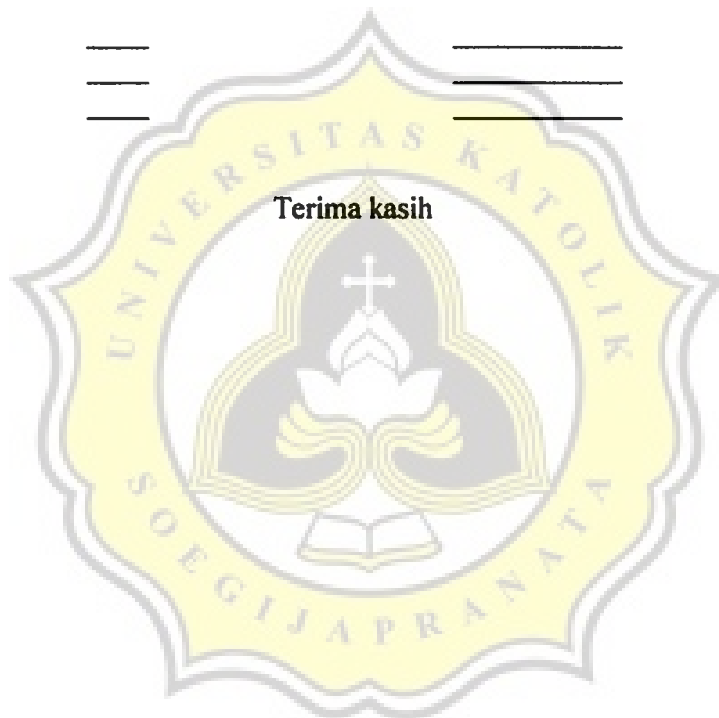


### UJI RATING (PENERIMAAN)

Nama : \_\_\_\_\_ Tanggal: \_\_\_\_\_  
 Produk : Tempe Kacang Koro Pedang Goreng  
 Penilaian untuk : **Overall**  
 Instruksi :

Di hadapan Anda terdapat 3 sampel tempe kacang koro pedang. Perhatikan masing-masing sampel dari kiri ke kanan untuk menilai secara keseluruhan setiap sampel yang Anda amati. Berilah skor pada sampel dari yang paling dapat Anda terima (=5) hingga yang paling tidak dapat diterima (=1).

**Sampel** **Rating**  
**(angka boleh ada yang sama)**





## UJI RATING (PENERIMAAN)

Nama : \_\_\_\_\_ Tanggal: \_\_\_\_\_  
 Produk : Tempe Kacang Koro Pedang Goreng  
 Penilaian untuk : **Rasa**  
 Instruksi :

Berkumur-kumurlah dulu sebelum menguji sampel. Di hadapan Anda terdapat 3 sampel tempe kacang koro pedang. Cicipi sampel secara berturutan dari kiri ke kanan, rasakan masing-masing. Setelah mencicipi semua sampel, Anda boleh mengulang sesering yang Anda perlukan. Berilah skor pada sampel dari yang paling dapat Anda terima (=5) hingga yang paling tidak dapat diterima (=1).

**Sampel** **Rating**  
(angka boleh ada yang sama)



Lampiran 2. Normalitas, Homogenitas dan Uji Beda Pada Uji Fisik (*Hardness*)

## Tests of Normality

|           | Perlakuan | Kolmogorov-Smirnov <sup>a</sup> |    |       | Shapiro-Wilk |    |      |
|-----------|-----------|---------------------------------|----|-------|--------------|----|------|
|           |           | Statistic                       | df | Sig.  | Statistic    | df | Sig. |
| Kekerasan | 24        | .258                            | 6  | .200* | .916         | 6  | .480 |
|           | 36        | .232                            | 6  | .200* | .888         | 6  | .307 |
|           | 48        | .236                            | 6  | .200* | .961         | 6  | .831 |

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

a. Lilliefors Significance Correction

## Test of Homogeneity of Variance

|           |                                      | Levene Statistic | df1 | df2    | Sig. |
|-----------|--------------------------------------|------------------|-----|--------|------|
| Kekerasan | Based on Mean                        | 1.973            | 2   | 15     | .174 |
|           | Based on Median                      | 1.087            | 2   | 15     | .362 |
|           | Based on Median and with adjusted df | 1.087            | 2   | 10.326 | .373 |
|           | Based on trimmed mean                | 1.867            | 2   | 15     | .189 |

## ANOVA

## Kekerasan

|                | Sum of Squares | df | Mean Square | F      | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 469732.8       | 2  | 234866.417  | 52.111 | .000 |
| Within Groups  | 67605.552      | 15 | 4507.037    |        |      |
| Total          | 537338.4       | 17 |             |        |      |

## Kekerasan

Duncan<sup>a</sup>

| Perlakuan | N | Subset for alpha = .05 |               |
|-----------|---|------------------------|---------------|
|           |   | 1                      | 2             |
| 48        | 6 | 1277.7378168           |               |
| 36        | 6 |                        | 1587.69840000 |
| 24        | 6 |                        | 1645.73579867 |
| Sig.      |   | 1.000                  | .155          |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

## Lampiran 3. Normalitas, Homogenitas dan Uji Beda Pada Uji Kimia

## Tests of Normality

| Perlakuan        | Kolmogorov-Smirnov <sup>a</sup> |      |      | Shapiro-Wilk |      |      |      |
|------------------|---------------------------------|------|------|--------------|------|------|------|
|                  | Statistic                       | df   | Sig. | Statistic    | df   | Sig. |      |
| KadarAir         | 24                              | .224 | 6    | .200*        | .902 | 6    | .385 |
|                  | 36                              | .169 | 6    | .200*        | .985 | 6    | .975 |
|                  | 48                              | .213 | 6    | .200*        | .927 | 6    | .557 |
| KadarAbu         | 24                              | .257 | 6    | .200*        | .892 | 6    | .329 |
|                  | 36                              | .202 | 6    | .200*        | .917 | 6    | .484 |
|                  | 48                              | .288 | 6    | .132         | .909 | 6    | .433 |
| KadarProtein     | 24                              | .143 | 6    | .200*        | .993 | 6    | .996 |
|                  | 36                              | .208 | 6    | .200*        | .928 | 6    | .562 |
|                  | 48                              | .207 | 6    | .200*        | .963 | 6    | .841 |
| KadarLemak       | 24                              | .214 | 6    | .200*        | .967 | 6    | .873 |
|                  | 36                              | .168 | 6    | .200*        | .985 | 6    | .973 |
|                  | 48                              | .238 | 6    | .200*        | .881 | 6    | .275 |
| KadarSeratKasar  | 24                              | .194 | 6    | .200*        | .938 | 6    | .646 |
|                  | 36                              | .177 | 6    | .200*        | .982 | 6    | .959 |
|                  | 48                              | .130 | 6    | .200*        | .975 | 6    | .925 |
| KadarKarbohidrat | 24                              | .268 | 6    | .200*        | .851 | 6    | .159 |
|                  | 36                              | .283 | 6    | .144         | .796 | 6    | .054 |
|                  | 48                              | .228 | 6    | .200*        | .888 | 6    | .309 |

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

a. Lilliefors Significance Correction

## Test of Homogeneity of Variance

|          | Levene Statistic                     | df1   | df2 | Sig.   |      |
|----------|--------------------------------------|-------|-----|--------|------|
| KadarAir | Based on Mean                        | 2.400 | 2   | 15     | .125 |
|          | Based on Median                      | 2.397 | 2   | 15     | .125 |
|          | Based on Median and with adjusted df | 2.397 | 2   | 13.751 | .128 |
|          | Based on trimmed mean                | 2.419 | 2   | 15     | .123 |

## Test of Homogeneity of Variance

|          | Levene Statistic                     | df1   | df2 | Sig.  |      |
|----------|--------------------------------------|-------|-----|-------|------|
| KadarAbu | Based on Mean                        | 2.081 | 2   | 15    | .159 |
|          | Based on Median                      | .590  | 2   | 15    | .567 |
|          | Based on Median and with adjusted df | .590  | 2   | 8.193 | .576 |
|          | Based on trimmed mean                | 1.883 | 2   | 15    | .186 |

**Test of Homogeneity of Variance**

|              |   | Levene<br>Statistic | df1 | df2   | Sig. |
|--------------|---|---------------------|-----|-------|------|
| KadarProtein | Based on Mean                           | 2.486               | 2   | 15    | .116 |
|              | Based on Median                         | 1.800               | 2   | 15    | .199 |
|              | Based on Median and<br>with adjusted df | 1.800               | 2   | 6.449 | .239 |
|              | Based on trimmed mean                   | 2.273               | 2   | 15    | .137 |

**Test of Homogeneity of Variance**

|            |   | Levene<br>Statistic | df1 | df2   | Sig. |
|------------|---|---------------------|-----|-------|------|
| KadarLemak | Based on Mean                           | .869                | 2   | 15    | .439 |
|            | Based on Median                         | .726                | 2   | 15    | .500 |
|            | Based on Median and<br>with adjusted df | .726                | 2   | 9.579 | .508 |
|            | Based on trimmed mean                   | .849                | 2   | 15    | .447 |

**Test of Homogeneity of Variance**

|                 |   | Levene<br>Statistic | df1 | df2    | Sig. |
|-----------------|---|---------------------|-----|--------|------|
| KadarSeratKasar | Based on Mean                           | .252                | 2   | 15     | .781 |
|                 | Based on Median                         | .262                | 2   | 15     | .773 |
|                 | Based on Median and<br>with adjusted df | .262                | 2   | 14.910 | .773 |
|                 | Based on trimmed mean                   | .251                | 2   | 15     | .782 |

**Test of Homogeneity of Variance**

|                  |   | Levene<br>Statistic | df1 | df2   | Sig. |
|------------------|---|---------------------|-----|-------|------|
| KadarKarbohidrat | Based on Mean                           | 2.511               | 2   | 15    | .115 |
|                  | Based on Median                         | .516                | 2   | 15    | .607 |
|                  | Based on Median and<br>with adjusted df | .516                | 2   | 6.091 | .621 |
|                  | Based on trimmed mean                   | 1.995               | 2   | 15    | .171 |

## ANOVA

|                  |                | Sum of Squares | df | Mean Square | F       | Sig. |
|------------------|----------------|----------------|----|-------------|---------|------|
| KadarAir         | Between Groups | 3.658          | 2  | 1.829       | 38.867  | .000 |
|                  | Within Groups  | .708           | 15 | .047        |         |      |
|                  | Total          | 4.364          | 17 |             |         |      |
| KadarAbu         | Between Groups | 3.054          | 2  | 1.527       | 151.498 | .000 |
|                  | Within Groups  | .151           | 15 | .010        |         |      |
|                  | Total          | 3.205          | 17 |             |         |      |
| KadarProtein     | Between Groups | 7.797          | 2  | 3.898       | 14.540  | .000 |
|                  | Within Groups  | 4.022          | 15 | .268        |         |      |
|                  | Total          | 11.818         | 17 |             |         |      |
| KadarLemak       | Between Groups | 1.528          | 2  | .764        | 10.935  | .001 |
|                  | Within Groups  | 1.048          | 15 | .070        |         |      |
|                  | Total          | 2.576          | 17 |             |         |      |
| KadarSeratKasar  | Between Groups | .310           | 2  | .155        | 2.399   | .125 |
|                  | Within Groups  | .969           | 15 | .065        |         |      |
|                  | Total          | 1.278          | 17 |             |         |      |
| KadarKarbohidrat | Between Groups | 26.100         | 2  | 13.050      | 18.135  | .000 |
|                  | Within Groups  | 10.794         | 15 | .720        |         |      |
|                  | Total          | 36.894         | 17 |             |         |      |

## KadarAir

Duncan<sup>a</sup>

| Perlakuan | N | Subset for alpha = .05 |              |
|-----------|---|------------------------|--------------|
|           |   | 1                      | 2            |
| 36        | 6 | 61.818620385           |              |
| 48        | 6 | 61.835949965           |              |
| 24        | 6 |                        | 62.783517783 |
| Sig.      |   | .892                   | 1.000        |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

## KadarAbu

Duncan<sup>a</sup>

| Perlakuan | N | Subset for alpha = .05 |             |             |
|-----------|---|------------------------|-------------|-------------|
|           |   | 1                      | 2           | 3           |
| 48        | 6 | 1.921233664            |             |             |
| 36        | 6 |                        | 2.387671505 |             |
| 24        | 6 |                        |             | 2.929256633 |
| Sig.      |   | 1.000                  | 1.000       | 1.000       |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**KadarProtein**Duncan<sup>a</sup>

| Perlakuan | N | Subset for alpha = .05 |              |              |
|-----------|---|------------------------|--------------|--------------|
|           |   | 1                      | 2            | 3            |
| 48        | 6 | 18.866796342           | 19.761042378 | 20.475564202 |
| 36        | 6 |                        |              |              |
| 24        | 6 |                        |              |              |
| Sig.      |   | 1.000                  | 1.000        | 1.000        |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**KadarLemak**Duncan<sup>a</sup>

| Perlakuan | N | Subset for alpha = .05 |             |
|-----------|---|------------------------|-------------|
|           |   | 1                      | 2           |
| 24        | 6 | 1.858052729            | 2.252093953 |
| 36        | 6 |                        |             |
| 48        | 6 |                        |             |
| Sig.      |   | 1.000                  | .054        |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**KadarSeratKasar**Duncan<sup>a</sup>

| Perlakuan | N | Subset for alpha = .05 |
|-----------|---|------------------------|
|           |   | 1                      |
| 48        | 6 | 2.816333665            |
| 24        | 6 | 2.909828267            |
| 36        | 6 | 3.129345962            |
| Sig.      |   | .060                   |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

**KadarKarbohidrat**Duncan<sup>a</sup>

| Perlakuan | N | Subset for alpha = .05 |              |              |
|-----------|---|------------------------|--------------|--------------|
|           |   | 1                      | 2            | 3            |
| 24        | 6 | 9.043780385            | 10.651225819 | 11.989229368 |
| 36        | 6 |                        |              |              |
| 48        | 6 |                        |              |              |
| Sig.      |   | 1.000                  | 1.000        | 1.000        |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 6.000.

#### Lampiran 4. Uji Kruskal-Wallis Analisa Sensoris Pada Tempe Kacang Koro Pedang Mentah

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

|             | Warna | Aroma | Tekstur | Overall |
|-------------|-------|-------|---------|---------|
| Chi-Square  | 1.487 | 1.668 | .671    | 11.988  |
| df          | 2     | 2     | 2       | 2       |
| Asymp. Sig. | .475  | .434  | .715    | .002    |

a. Kruskal Wallis Test

b. Grouping Variable: Perlakuan

a. Perlakuan 24 VS 36 = tidak ada perbedaan karena sig. > 0,05

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

|                        | Overall |
|------------------------|---------|
| Mann-Whitney U         | 342.500 |
| Wilcoxon W             | 807.500 |
| Z                      | -1.673  |
| Asymp. Sig. (2-tailed) | .094    |

a. Grouping Variable: Perlakuan

b. Perlakuan 36 VS 48 = ada perbedaan karena sig. < 0,05

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

|                        | Overall |
|------------------------|---------|
| Mann-Whitney U         | 225.500 |
| Wilcoxon W             | 690.500 |
| Z                      | -3.424  |
| Asymp. Sig. (2-tailed) | .001    |

a. Grouping Variable: Perlakuan

c. Perlakuan 24 VS 48 = tidak ada perbedaan karena sig. > 0,05

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

|                        | Overall |
|------------------------|---------|
| Mann-Whitney U         | 330.000 |
| Wilcoxon W             | 795.000 |
| Z                      | -1.851  |
| Asymp. Sig. (2-tailed) | .064    |

a. Grouping Variable: Perlakuan

Lampiran 5. Uji Kruskal-Wallis Analisa Sensoris Pada Tempe Kacang Koro Pedang Goreng

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

|             | Wama  | Aroma | Tekstur | Rasa | Overall |
|-------------|-------|-------|---------|------|---------|
| Chi-Square  | 2.550 | 1.358 | 1.920   | .440 | .614    |
| df          | 2     | 2     | 2       | 2    | 2       |
| Asymp. Sig. | .279  | .507  | .383    | .803 | .736    |

a. Kruskal Wallis Test

b. Grouping Variable: Pertakuan

