

Lampiran 01. Lembar Kuisisioner

Nama Panelis :

Jenis Kelamin :

Format Uji Organoleptik Kesukaan Yogurt Buah Tomat

Instruksi

Panelis diminta mencicipi sampel dan memberikan nilai sesuai dengan tingkat kesukaan dengan skala sebagai berikut:

Tingkat kesukaan

Sangat suka

Suka

Agak suka

Tidak suka

Sangat tidak suka

Nilai

5

4

3

2

1

| No | Kode sampel | Warna Kesukaan | Aroma Kesukaan | Rasa Kesukaan | Tekstur Kesukaan |
|----|-------------|-------------------|-------------------|------------------|---------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
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| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |
| 16 | | | | | |
| 17 | | | | | |

| | | | | | |
|----|--|--|--|--|--|
| 18 | | | | | |
| 19 | | | | | |
| 20 | | | | | |

Panelis



Lampiran 02. Data Uji Organoleptik

Tabel 2.1 Data Hasil Uji Organoleptik V0

| No | Warna | | | | | | Aroma | | | | | | Rasa | | | | | | Tekstur | | | | | |
|----|-------|----|----|----|----|--------|-------|----|----|----|----|--------|------|----|----|----|----|--------|---------|----|----|----|----|--------|
| | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata |
| 1 | 3 | 4 | 5 | 3 | 3 | 3.6 | 4 | 3 | 4 | 3 | 4 | 3.6 | 4 | 5 | 4 | 4 | 4 | 4.2 | 4 | 4 | 5 | 5 | 5 | 4.6 |
| 2 | 5 | 3 | 3 | 5 | 5 | 4.2 | 3 | 4 | 5 | 3 | 4 | 3.8 | 5 | 4 | 3 | 4 | 3 | 3.8 | 4 | 4 | 4 | 5 | 5 | 4.4 |
| 3 | 4 | 4 | 3 | 3 | 5 | 3.8 | 5 | 5 | 4 | 5 | 4 | 4.6 | 4 | 3 | 4 | 4 | 3 | 3.6 | 4 | 5 | 5 | 4 | 4 | 4.4 |
| 4 | 3 | 5 | 4 | 4 | 5 | 4.2 | 2 | 3 | 2 | 3 | 3 | 2.6 | 4 | 4 | 3 | 3 | 3 | 3.4 | 5 | 4 | 4 | 5 | 5 | 4.6 |
| 5 | 3 | 3 | 4 | 3 | 4 | 3.4 | 3 | 2 | 3 | 2 | 1 | 2.2 | 1 | 1 | 2 | 2 | 2 | 1.6 | 5 | 5 | 4 | 4 | 5 | 4.6 |
| 6 | 4 | 3 | 5 | 5 | 4 | 4.2 | 1 | 2 | 1 | 2 | 1 | 1.4 | 3 | 4 | 3 | 4 | 5 | 3.8 | 4 | 3 | 4 | 3 | 4 | 3.6 |
| 7 | 4 | 3 | 4 | 5 | 5 | 4.2 | 3 | 2 | 4 | 4 | 5 | 3.6 | 5 | 4 | 4 | 5 | 5 | 4.6 | 3 | 3 | 3 | 4 | 4 | 3.4 |
| 8 | 5 | 5 | 4 | 4 | 5 | 4.6 | 4 | 5 | 4 | 5 | 4 | 4.4 | 5 | 5 | 5 | 4 | 5 | 4.8 | 4 | 3 | 3 | 3 | 4 | 3.4 |
| 9 | 5 | 3 | 4 | 4 | 5 | 4.2 | 4 | 3 | 4 | 5 | 5 | 4.2 | 4 | 5 | 4 | 4 | 4 | 4.2 | 5 | 4 | 4 | 5 | 5 | 4.6 |
| 10 | 4 | 5 | 5 | 3 | 4 | 4.2 | 4 | 3 | 3 | 3 | 4 | 3.4 | 2 | 3 | 3 | 4 | 5 | 3.4 | 3 | 3 | 3 | 4 | 4 | 3.4 |
| 11 | 4 | 3 | 4 | 3 | 5 | 3.8 | 3 | 4 | 5 | 5 | 5 | 4.4 | 2 | 2 | 2 | 3 | 2 | 2.2 | 3 | 4 | 5 | 4 | 3 | 3.8 |
| 12 | 3 | 4 | 5 | 4 | 5 | 4.2 | 4 | 3 | 3 | 4 | 5 | 3.8 | 3 | 3 | 4 | 3 | 3 | 3.2 | 4 | 3 | 3 | 3 | 4 | 3.4 |
| 13 | 4 | 5 | 3 | 3 | 4 | 3.8 | 4 | 5 | 5 | 4 | 3 | 4.2 | 3 | 4 | 3 | 4 | 4 | 3.6 | 4 | 4 | 4 | 5 | 5 | 4.4 |
| 14 | 5 | 3 | 4 | 5 | 4 | 4.2 | 3 | 3 | 4 | 4 | 3 | 3.4 | 4 | 5 | 4 | 4 | 5 | 4.4 | 5 | 4 | 4 | 4 | 5 | 4.4 |
| 15 | 5 | 4 | 5 | 3 | 5 | 4.4 | 4 | 3 | 4 | 3 | 5 | 3.8 | 3 | 3 | 4 | 5 | 3 | 3.6 | 5 | 4 | 4 | 4 | 4 | 4.2 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|------|-------|---|---|---|---|-----|------|-------|---|---|---|-----|---|------|-------|---|---|-----|--|--|------|
| 16 | 1 | 2 | 1 | 3 | 2 | 1.8 | 2 | 2 | 3 | 3 | 2 | 2.4 | 4 | 4 | 3 | 2 | 4 | 3.4 | 4 | 4 | 4 | 5 | 5 | 4.4 | | | |
| 17 | 2 | 3 | 2 | 2 | 3 | 2.4 | 3 | 4 | 2 | 3 | 2 | 2.8 | 3 | 3 | 3 | 3 | 2 | 2.8 | 3 | 4 | 4 | 3 | 3 | 3.4 | | | |
| 18 | 3 | 2 | 3 | 2 | 2 | 2.4 | 3 | 4 | 5 | 5 | 5 | 4.4 | 3 | 3 | 4 | 3 | 3 | 3.2 | 3 | 3 | 3 | 4 | 3 | 3.2 | | | |
| 19 | 1 | 3 | 3 | 2 | 2 | 2.2 | 5 | 5 | 4 | 4 | 3 | 4.2 | 3 | 3 | 2 | 3 | 2 | 2.6 | 3 | 2 | 2 | 2 | 3 | 2.4 | | | |
| 20 | 2 | 1 | 2 | 3 | 3 | 2.2 | 4 | 3 | 4 | 3 | 5 | 3.8 | 3 | 4 | 4 | 3 | 4 | 3.6 | 4 | 3 | 4 | 3 | 3 | 3.4 | | | |
| Total | | | | | | 3,60 | Total | | | | | | 3,55 | Total | | | | | | 3,50 | Total | | | | | | 3,90 |

Tabel 2.2 Data Hasil Uji Organoleptik V1

| No | Warna | | | | | | Aroma | | | | | | Rasa | | | | | | Tekstur | | | | | |
|----|-------|----|----|----|----|--------|-------|----|----|----|----|--------|------|----|----|----|----|--------|---------|----|----|----|----|--------|
| | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata |
| 1 | 2 | 1 | 2 | 2 | 2 | 1.8 | 2 | 1 | 1 | 2 | 3 | 1.8 | 2 | 3 | 3 | 2 | 2 | 2.4 | 2 | 3 | 2 | 2 | 2 | 2.2 |
| 2 | 4 | 4 | 5 | 3 | 5 | 4.2 | 5 | 4 | 3 | 4 | 5 | 4.2 | 5 | 4 | 5 | 4 | 3 | 4.2 | 3 | 3 | 3 | 4 | 3 | 3.2 |
| 3 | 3 | 4 | 3 | 2 | 4 | 3.2 | 3 | 2 | 3 | 2 | 4 | 2.8 | 4 | 3 | 4 | 3 | 3 | 3.4 | 3 | 3 | 4 | 4 | 3 | 3.4 |
| 4 | 4 | 5 | 4 | 5 | 5 | 4.6 | 1 | 2 | 1 | 2 | 2 | 1.6 | 3 | 3 | 2 | 2 | 1 | 2.2 | 2 | 3 | 3 | 3 | 3 | 2.8 |
| 5 | 4 | 4 | 5 | 3 | 5 | 4.2 | 4 | 5 | 4 | 5 | 4 | 4.4 | 3 | 2 | 3 | 4 | 4 | 3.2 | 2 | 3 | 3 | 3 | 2 | 2.6 |
| 6 | 5 | 5 | 4 | 4 | 5 | 4.6 | 1 | 2 | 1 | 2 | 1 | 1.4 | 1 | 1 | 2 | 2 | 3 | 1.8 | 2 | 2 | 3 | 3 | 2 | 2.4 |
| 7 | 4 | 5 | 4 | 5 | 4 | 4.4 | 4 | 3 | 4 | 2 | 3 | 3.2 | 2 | 3 | 2 | 3 | 4 | 2.8 | 3 | 2 | 2 | 3 | 3 | 2.6 |
| 8 | 4 | 3 | 3 | 4 | 5 | 3.8 | 2 | 3 | 2 | 3 | 4 | 2.8 | 3 | 4 | 3 | 4 | 3 | 3.4 | 3 | 4 | 4 | 3 | 3 | 3.4 |
| 9 | 3 | 2 | 3 | 3 | 3 | 2.8 | 3 | 5 | 4 | 4 | 3 | 3.8 | 5 | 4 | 4 | 5 | 5 | 4.6 | 3 | 3 | 3 | 3 | 4 | 3.2 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|------|-------|---|---|---|---|-----|------|-------|---|---|---|-----|---|------|-------|---|---|-----|--|--|------|
| 10 | 4 | 3 | 5 | 2 | 4 | 3.6 | 2 | 3 | 2 | 2 | 4 | 2.6 | 3 | 3 | 2 | 2 | 2 | 2.4 | 3 | 3 | 3 | 4 | 3 | 3.2 | | | |
| 11 | 5 | 4 | 5 | 5 | 5 | 4.8 | 1 | 2 | 1 | 3 | 2 | 1.8 | 2 | 3 | 2 | 1 | 3 | 2.2 | 3 | 3 | 3 | 3 | 4 | 3.2 | | | |
| 12 | 4 | 5 | 3 | 3 | 4 | 3.8 | 3 | 4 | 4 | 3 | 3 | 3.4 | 2 | 1 | 1 | 2 | 2 | 1.6 | 2 | 2 | 3 | 3 | 3 | 2.6 | | | |
| 13 | 3 | 4 | 2 | 4 | 3 | 3.2 | 3 | 2 | 3 | 3 | 2 | 2.6 | 3 | 4 | 3 | 5 | 2 | 3.4 | 2 | 3 | 3 | 2 | 2 | 2.4 | | | |
| 14 | 3 | 4 | 5 | 4 | 5 | 4.2 | 2 | 3 | 4 | 3 | 2 | 2.8 | 4 | 3 | 3 | 4 | 5 | 3.8 | 3 | 2 | 2 | 2 | 3 | 2.4 | | | |
| 15 | 4 | 5 | 4 | 3 | 3 | 3.8 | 4 | 3 | 4 | 3 | 2 | 3.2 | 2 | 2 | 3 | 3 | 3 | 2.6 | 3 | 4 | 3 | 3 | 3 | 3.2 | | | |
| 16 | 3 | 2 | 3 | 2 | 4 | 2.8 | 2 | 2 | 3 | 4 | 2 | 2.6 | 1 | 1 | 2 | 3 | 2 | 1.8 | 2 | 3 | 2 | 2 | 2 | 2.2 | | | |
| 17 | 4 | 5 | 4 | 5 | 5 | 4.6 | 4 | 3 | 4 | 3 | 3 | 3.4 | 2 | 3 | 3 | 2 | 2 | 2.4 | 2 | 2 | 2 | 3 | 2 | 2.2 | | | |
| 18 | 4 | 3 | 3 | 4 | 4 | 3.6 | 1 | 2 | 1 | 2 | 3 | 1.8 | 2 | 3 | 3 | 2 | 3 | 2.6 | 2 | 2 | 3 | 2 | 2 | 2.2 | | | |
| 19 | 3 | 3 | 2 | 4 | 5 | 3.4 | 2 | 3 | 2 | 3 | 2 | 2.4 | 1 | 1 | 2 | 2 | 2 | 1.6 | 3 | 2 | 2 | 2 | 3 | 2.4 | | | |
| 20 | 4 | 4 | 3 | 4 | 3 | 3.6 | 4 | 3 | 4 | 3 | 3 | 3.4 | 2 | 2 | 1 | 1 | 2 | 1.6 | 2 | 2 | 3 | 2 | 2 | 2.2 | | | |
| Total | | | | | | 3,75 | Total | | | | | | 2,80 | Total | | | | | | 2,70 | Total | | | | | | 2,70 |

Tabel 2.3 Data Hasil Uji Organoleptik V2

| No | Warna | | | | | | Aroma | | | | | | Rasa | | | | | | Tekstur | | | | | |
|----|-------|----|----|----|----|--------|-------|----|----|----|----|--------|------|----|----|----|----|--------|---------|----|----|----|----|--------|
| | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata |
| 1 | 3 | 2 | 3 | 4 | 4 | 3.2 | 1 | 2 | 1 | 2 | 2 | 1.6 | 1 | 2 | 1 | 2 | 2 | 1.6 | 2 | 2 | 2 | 3 | 2 | 2.2 |
| 2 | 4 | 5 | 4 | 3 | 5 | 4.2 | 4 | 3 | 4 | 3 | 5 | 3.8 | 4 | 3 | 3 | 4 | 4 | 3.6 | 4 | 3 | 4 | 3 | 4 | 3.6 |
| 3 | 4 | 4 | 3 | 4 | 3 | 3.6 | 3 | 2 | 3 | 4 | 5 | 3.4 | 5 | 4 | 5 | 4 | 3 | 4.2 | 3 | 3 | 3 | 3 | 4 | 3.2 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|------|-------|---|---|---|---|------|-------|---|---|---|---|------|-------|---|---|---|---|------|
| 4 | 2 | 2 | 2 | 3 | 3 | 2.4 | 2 | 2 | 2 | 3 | 3 | 2.4 | 3 | 3 | 2 | 2 | 2 | 2.4 | 2 | 3 | 2 | 3 | 2 | 2.4 |
| 5 | 4 | 5 | 3 | 4 | 5 | 4.2 | 5 | 4 | 5 | 4 | 3 | 4.2 | 4 | 3 | 3 | 4 | 5 | 3.8 | 3 | 2 | 2 | 2 | 2 | 2.2 |
| 6 | 5 | 4 | 3 | 3 | 4 | 3.8 | 1 | 2 | 1 | 2 | 3 | 1.8 | 3 | 3 | 2 | 2 | 3 | 2.6 | 3 | 3 | 3 | 3 | 4 | 3.2 |
| 7 | 3 | 4 | 5 | 3 | 4 | 3.8 | 3 | 4 | 4 | 3 | 4 | 3.6 | 4 | 3 | 4 | 3 | 3 | 3.4 | 3 | 4 | 3 | 4 | 4 | 3.6 |
| 8 | 4 | 3 | 3 | 4 | 5 | 3.8 | 3 | 2 | 3 | 4 | 5 | 3.4 | 1 | 1 | 2 | 3 | 2 | 1.8 | 3 | 3 | 3 | 3 | 4 | 3.2 |
| 9 | 3 | 2 | 3 | 4 | 2 | 2.8 | 5 | 4 | 3 | 4 | 3 | 3.8 | 4 | 5 | 5 | 4 | 4 | 4.4 | 3 | 3 | 4 | 3 | 4 | 3.4 |
| 10 | 3 | 2 | 2 | 3 | 2 | 2.4 | 1 | 2 | 1 | 2 | 2 | 1.6 | 1 | 1 | 2 | 3 | 2 | 1.8 | 2 | 2 | 3 | 2 | 2 | 2.2 |
| 11 | 2 | 3 | 3 | 2 | 2 | 2.4 | 3 | 2 | 1 | 1 | 2 | 1.8 | 2 | 3 | 2 | 3 | 2 | 2.4 | 2 | 2 | 3 | 3 | 3 | 2.6 |
| 12 | 5 | 4 | 3 | 4 | 5 | 4.2 | 4 | 3 | 4 | 3 | 2 | 3.2 | 2 | 3 | 4 | 2 | 3 | 2.8 | 3 | 3 | 4 | 3 | 4 | 3.4 |
| 13 | 4 | 3 | 3 | 3 | 5 | 3.6 | 3 | 2 | 3 | 2 | 3 | 2.6 | 3 | 2 | 2 | 2 | 2 | 2.2 | 2 | 3 | 2 | 2 | 2 | 2.2 |
| 14 | 5 | 4 | 3 | 3 | 4 | 3.8 | 4 | 3 | 4 | 3 | 2 | 3.2 | 3 | 3 | 2 | 1 | 2 | 2.2 | 2 | 3 | 2 | 3 | 2 | 2.4 |
| 15 | 2 | 3 | 2 | 3 | 4 | 2.8 | 3 | 2 | 1 | 1 | 2 | 1.8 | 2 | 3 | 3 | 2 | 2 | 2.4 | 3 | 3 | 3 | 3 | 4 | 3.2 |
| 16 | 2 | 3 | 2 | 3 | 3 | 2.6 | 2 | 3 | 4 | 5 | 3 | 3.4 | 4 | 3 | 4 | 2 | 3 | 3.2 | 2 | 3 | 2 | 3 | 2 | 2.4 |
| 17 | 3 | 2 | 2 | 4 | 3 | 2.8 | 3 | 3 | 2 | 2 | 2 | 2.4 | 2 | 3 | 2 | 3 | 3 | 2.6 | 3 | 2 | 2 | 2 | 2 | 2.2 |
| 18 | 3 | 3 | 4 | 3 | 4 | 3.4 | 2 | 3 | 2 | 3 | 4 | 2.8 | 3 | 2 | 2 | 3 | 3 | 2.6 | 3 | 2 | 2 | 3 | 3 | 2.6 |
| 19 | 3 | 4 | 3 | 2 | 2 | 2.8 | 2 | 3 | 2 | 3 | 2 | 2.4 | 1 | 1 | 2 | 2 | 2 | 1.6 | 2 | 3 | 3 | 2 | 3 | 2.6 |
| 20 | 2 | 2 | 3 | 2 | 3 | 2.4 | 3 | 2 | 1 | 2 | 1 | 1.8 | 3 | 4 | 3 | 4 | 3 | 3.4 | 2 | 2 | 2 | 2 | 3 | 2.2 |
| Total | | | | | | 3,25 | Total | | | | | 2,75 | Total | | | | | 2,75 | Total | | | | | 2,75 |

Tabel 2.4 Data Hasil Uji Organoleptik V3

| No | Warna | | | | | | Aroma | | | | | | Rasa | | | | | | Tekstur | | | | | |
|----|-------|----|----|----|----|--------|-------|----|----|----|----|--------|------|----|----|----|----|--------|---------|----|----|----|----|--------|
| | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata | U1 | U2 | U3 | U4 | U5 | Rerata |
| 1 | 4 | 5 | 4 | 5 | 5 | 4.6 | 4 | 3 | 3 | 4 | 5 | 3.8 | 5 | 5 | 4 | 5 | 4 | 4.6 | 3 | 3 | 4 | 4 | 4 | 3.6 |
| 2 | 4 | 3 | 4 | 3 | 5 | 3.8 | 3 | 4 | 5 | 4 | 5 | 4.2 | 5 | 3 | 4 | 5 | 4 | 4.2 | 4 | 3 | 3 | 4 | 4 | 3.6 |
| 3 | 4 | 3 | 4 | 3 | 4 | 3.6 | 5 | 4 | 4 | 5 | 4 | 4.4 | 3 | 3 | 4 | 4 | 5 | 3.8 | 3 | 3 | 4 | 4 | 4 | 3.6 |
| 4 | 2 | 3 | 2 | 2 | 3 | 2.4 | 3 | 4 | 3 | 4 | 4 | 3.6 | 5 | 4 | 3 | 4 | 5 | 4.2 | 2 | 2 | 3 | 3 | 3 | 2.6 |
| 5 | 3 | 4 | 3 | 4 | 3 | 3.4 | 2 | 2 | 3 | 4 | 3 | 2.8 | 2 | 3 | 3 | 2 | 3 | 2.6 | 5 | 5 | 4 | 4 | 5 | 4.6 |
| 6 | 4 | 3 | 5 | 4 | 3 | 3.8 | 3 | 3 | 4 | 3 | 4 | 3.4 | 5 | 5 | 4 | 5 | 4 | 4.6 | 4 | 4 | 3 | 3 | 4 | 3.6 |
| 7 | 3 | 4 | 3 | 4 | 4 | 3.6 | 3 | 4 | 3 | 4 | 5 | 3.8 | 2 | 2 | 3 | 3 | 4 | 2.8 | 4 | 4 | 3 | 3 | 3 | 3.4 |
| 8 | 4 | 5 | 5 | 4 | 3 | 4.2 | 4 | 3 | 2 | 3 | 4 | 3.2 | 2 | 3 | 3 | 3 | 2 | 2.6 | 3 | 4 | 4 | 4 | 3 | 3.6 |
| 9 | 2 | 3 | 2 | 3 | 4 | 2.8 | 4 | 3 | 3 | 4 | 5 | 3.8 | 4 | 4 | 3 | 3 | 4 | 3.6 | 3 | 2 | 2 | 3 | 3 | 2.6 |
| 10 | 2 | 2 | 2 | 3 | 2 | 2.2 | 3 | 2 | 2 | 3 | 2 | 2.4 | 3 | 2 | 3 | 3 | 2 | 2.6 | 2 | 2 | 3 | 3 | 3 | 2.6 |
| 11 | 3 | 3 | 3 | 4 | 3 | 3.2 | 1 | 2 | 1 | 2 | 3 | 1.8 | 3 | 4 | 4 | 4 | 4 | 3.8 | 2 | 3 | 3 | 3 | 3 | 2.8 |
| 12 | 3 | 4 | 3 | 4 | 3 | 3.4 | 3 | 2 | 2 | 3 | 4 | 2.8 | 5 | 4 | 5 | 3 | 4 | 4.2 | 3 | 3 | 3 | 4 | 4 | 3.4 |
| 13 | 2 | 3 | 4 | 3 | 4 | 3.2 | 3 | 4 | 3 | 3 | 5 | 3.6 | 3 | 4 | 5 | 5 | 4 | 4.2 | 4 | 3 | 3 | 3 | 4 | 3.4 |
| 14 | 2 | 3 | 3 | 2 | 1 | 2.2 | 4 | 4 | 3 | 3 | 3 | 3.4 | 3 | 3 | 4 | 5 | 4 | 3.8 | 3 | 3 | 2 | 3 | 3 | 2.8 |
| 15 | 1 | 3 | 2 | 3 | 3 | 2.4 | 4 | 3 | 4 | 3 | 3 | 3.4 | 2 | 3 | 3 | 3 | 3 | 2.8 | 2 | 2 | 3 | 3 | 3 | 2.6 |
| 16 | 1 | 3 | 1 | 2 | 1 | 1.6 | 2 | 3 | 4 | 4 | 3 | 3.2 | 5 | 5 | 4 | 4 | 5 | 4.6 | 4 | 4 | 3 | 3 | 4 | 3.6 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|---|---|---|---|---|------|-------|---|---|---|---|-----|------|-------|---|---|---|-----|---|------|-------|---|---|-----|--|--|------|
| 17 | 1 | 1 | 2 | 2 | 2 | 1.6 | 4 | 5 | 4 | 5 | 4 | 4.4 | 3 | 4 | 4 | 4 | 3 | 3.6 | 3 | 3 | 2 | 2 | 3 | 2.6 | | | |
| 18 | 3 | 2 | 2 | 2 | 3 | 2.4 | 2 | 3 | 2 | 3 | 3 | 2.6 | 4 | 4 | 5 | 5 | 4 | 4.4 | 3 | 2 | 2 | 3 | 3 | 2.6 | | | |
| 19 | 2 | 3 | 1 | 2 | 3 | 2.2 | 3 | 2 | 3 | 2 | 1 | 2.2 | 4 | 3 | 4 | 4 | 4 | 3.8 | 4 | 3 | 3 | 4 | 4 | 3.6 | | | |
| 20 | 2 | 3 | 1 | 3 | 3 | 2.4 | 2 | 3 | 4 | 4 | 3 | 3.2 | 5 | 4 | 4 | 4 | 4 | 4.2 | 3 | 3 | 3 | 2 | 3 | 2.8 | | | |
| Total | | | | | | 2,95 | Total | | | | | | 3,30 | Total | | | | | | 3,75 | Total | | | | | | 3,20 |



Tabel 2.9 Data Hasil Uji pH

| U/P | V0 | V1 | V2 | V3 |
|-----|-----|-----|-----|-----|
| U1 | 4.5 | 4.3 | 4.3 | 4.3 |
| U2 | 4.6 | 4.3 | 4.3 | 4.3 |
| U3 | 4.5 | 4.2 | 4.2 | 4.4 |
| U4 | 4.6 | 4.1 | 4.1 | 4.4 |
| U5 | 4.4 | 4.2 | 4.2 | 4.5 |

Lampiran 03. Hasil Uji SPSS

Uji Normalitas Organoleptik Parameter Warna

One-Sample Kolmogorov-Smirnov Test

| | | v0 | v1 | v2 | v3 |
|--------------------------------|----------------|-------|-------|-------|--------|
| N | | 20 | 20 | 20 | 20 |
| Normal Parameters ^a | Mean | 3.600 | 3.750 | 3.250 | 2.9500 |
| | Std. Deviation | .8802 | .7508 | .6613 | .84822 |
| Most Extreme Differences | Absolute | .252 | .126 | .202 | .192 |
| | Positive | .164 | .081 | .202 | .192 |
| | Negative | -.252 | -.126 | -.152 | -.116 |
| Kolmogorov-Smirnov Z | | 1.128 | .561 | .903 | .857 |
| Asymp. Sig. (2-tailed) | | .157 | .911 | .389 | .455 |

a. Test distribution is Normal.

Uji Normalitas Organoleptik Parameter Aroma

One-Sample Kolmogorov-Smirnov Test

| | | v0 | v1 | v2 | v3 |
|--------------------------------|----------------|-------|-------|-------|-------|
| N | | 20 | 20 | 20 | 20 |
| Normal Parameters ^a | Mean | 3.550 | 2.800 | 2.750 | 3.300 |
| | Std. Deviation | .8605 | .8460 | .8382 | .7064 |
| Most Extreme Differences | Absolute | .181 | .131 | .171 | .144 |
| | Positive | .112 | .131 | .171 | .090 |
| | Negative | -.181 | -.107 | -.154 | -.144 |
| Kolmogorov-Smirnov Z | | .809 | .588 | .767 | .643 |
| Asymp. Sig. (2-tailed) | | .530 | .880 | .599 | .803 |

a. Test distribution is Normal.

Uji Normalitas Organoleptik Parameter Rasa

One-Sample Kolmogorov-Smirnov Test

| | | v0 | v1 | v2 | v3 |
|--------------------------------|----------------|-------|-------|-------|-------|
| N | | 20 | 20 | 20 | 20 |
| Normal Parameters ^a | Mean | 3.500 | 2.700 | 2.750 | 3.750 |
| | Std. Deviation | .7854 | .8838 | .8332 | .7045 |
| Most Extreme Differences | Absolute | .151 | .145 | .171 | .189 |
| | Positive | .101 | .145 | .171 | .161 |
| | Negative | -.151 | -.107 | -.084 | -.189 |
| Kolmogorov-Smirnov Z | | .676 | .649 | .767 | .843 |
| Asymp. Sig. (2-tailed) | | .750 | .794 | .599 | .476 |

a. Test distribution is Normal.

Uji Normalitas Organoleptik Parameter Tekstur

One-Sample Kolmogorov-Smirnov Test

| | | v0 | v1 | v2 | v3 |
|--------------------------------|----------------|-------|-------|-------|-------|
| N | | 20 | 20 | 20 | 20 |
| Normal Parameters ^a | Mean | 3.900 | 2.700 | 2.750 | 3.200 |
| | Std. Deviation | .6341 | .4519 | .5306 | .5544 |
| Most Extreme Differences | Absolute | .235 | .216 | .211 | .215 |
| | Positive | .185 | .197 | .211 | .215 |
| | Negative | -.235 | -.216 | -.202 | -.191 |
| Kolmogorov-Smirnov Z | | 1.050 | .965 | .945 | .960 |
| Asymp. Sig. (2-tailed) | | .220 | .310 | .334 | .315 |

a. Test distribution is Normal.

Uji Normalitas Ph

One-Sample Kolmogorov-Smirnov Test

| | | v0 | v1 | v2 | v3 |
|--------------------------------|----------------|-------|-------|-------|-------|
| N | | 5 | 5 | 5 | 5 |
| Normal Parameters ^a | Mean | 4.520 | 4.220 | 4.220 | 4.380 |
| | Std. Deviation | .0837 | .0837 | .0837 | .0837 |
| Most Extreme Differences | Absolute | .231 | .231 | .231 | .231 |
| | Positive | .194 | .194 | .194 | .231 |
| | Negative | -.231 | -.231 | -.231 | -.194 |
| Kolmogorov-Smirnov Z | | .515 | .515 | .515 | .515 |
| Asymp. Sig. (2-tailed) | | .953 | .953 | .953 | .953 |

a. Test distribution is Normal.

Uji Homogenitas Organoleptik Parameter Warna

Test of Homogeneity of Variances

HASIL

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| .810 | 3 | 76 | .492 |

Uji Homogenitas Organoleptik Parameter Aroma

Test of Homogeneity of Variances

HASIL

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| .522 | 3 | 76 | .669 |

Uji Homogenitas Organoleptik Parameter Rasa

Test of Homogeneity of Variances

HASIL

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 1.612 | 3 | 76 | .193 |

Uji Homogenitas Organoleptik Parameter Tekstur

Test of Homogeneity of Variances

HASIL

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| .558 | 3 | 76 | .644 |

Uji Hipotesis Organoleptik

ANOVA

| | | Sum of Squares | df | Mean Square | F | Sig. |
|---------|----------------|----------------|----|-------------|--------|------|
| WARNA | Between Groups | 7.737 | 3 | 2.579 | 4.135 | .009 |
| | Within Groups | 47.410 | 76 | .624 | | |
| | Total | 55.147 | 79 | | | |
| AROMA | Between Groups | 9.100 | 3 | 3.033 | 4.565 | .005 |
| | Within Groups | 50.500 | 76 | .664 | | |
| | Total | 59.600 | 79 | | | |
| RASA | Between Groups | 16.850 | 3 | 5.617 | 8.680 | .000 |
| | Within Groups | 49.180 | 76 | .647 | | |
| | Total | 66.030 | 79 | | | |
| TEKSTUR | Between Groups | 18.538 | 3 | 6.179 | 20.679 | .000 |
| | Within Groups | 22.710 | 76 | .299 | | |
| | Total | 41.248 | 79 | | | |

Uji Hipotesis pH

ANOVA

PH

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | .314 | 3 | .105 | 14.929 | .000 |
| Within Groups | .112 | 16 | .007 | | |
| Total | .426 | 19 | | | |

Uji Duncan Organoleptik Warna

WARNA

Duncan

| PER LAK UAN | N | Subset for alpha = 0.05 | |
|-------------------|----|-------------------------|-------|
| | | 1 | 2 |
| 3 | 20 | 2.950 | |
| 2 | 20 | 3.250 | 3.250 |
| 0 | 20 | | 3.600 |
| 1 | 20 | | 3.750 |
| Sig. | | .233 | .061 |

Means for groups in homogeneous subsets are displayed.

Uji Duncan Organoleptik Aroma

AROMA

Duncan

| PER LAK UAN | N | Subset for alpha = 0.05 | | |
|-------------------|----|-------------------------|-------|-------|
| | | 1 | 2 | 3 |
| 2 | 20 | 2.750 | | |
| 1 | 20 | 2.800 | 2.800 | |
| 3 | 20 | | 3.300 | 3.300 |
| 0 | 20 | | | 3.550 |
| Sig. | | .847 | .056 | .335 |

Means for groups in homogeneous subsets are displayed.

Uji Duncan Organoleptik Rasa

RASA

Duncan

| PER LAK UAN | N | Subset for alpha = 0.05 | |
|-------------------|----|-------------------------|-------|
| | | 1 | 2 |
| 1 | 20 | 2.700 | |
| 2 | 20 | 2.750 | |
| 0 | 20 | | 3.500 |
| 3 | 20 | | 3.750 |
| Sig. | | .845 | .329 |

Means for groups in homogeneous subsets are displayed.

Uji Duncan Organoleptik Tekstur

TEKSTUR

| Duncan | | Subset for alpha = 0.05 | | |
|-------------------|----|-------------------------|-------|-------|
| PER LAK UAN | N | 1 | 2 | 3 |
| 1 | 20 | 2.700 | | |
| 2 | 20 | 2.750 | | |
| 3 | 20 | | 3.200 | |
| 0 | 20 | | | 3.900 |
| Sig. | | .773 | 1.000 | 1.000 |

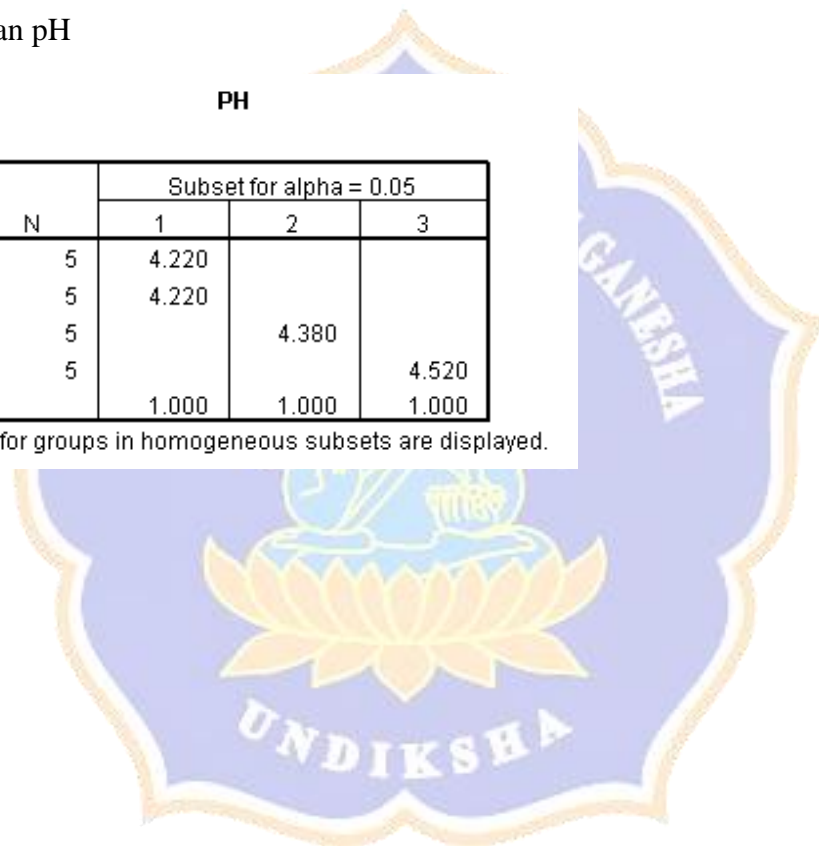
Means for groups in homogeneous subsets are displayed.

Uji Duncan pH

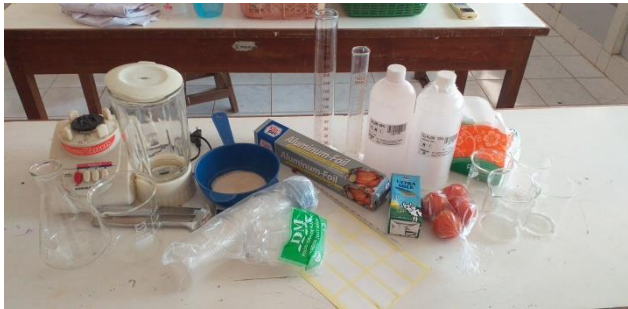
PH

| Duncan | | Subset for alpha = 0.05 | | |
|-------------------|---|-------------------------|-------|-------|
| PER LAK UAN | N | 1 | 2 | 3 |
| 1 | 5 | 4.220 | | |
| 2 | 5 | 4.220 | | |
| 3 | 5 | | 4.380 | |
| 0 | 5 | | | 4.520 |
| Sig. | | 1.000 | 1.000 | 1.000 |

Means for groups in homogeneous subsets are displayed.



Lampiran 04. Dokumentasi Penelitian



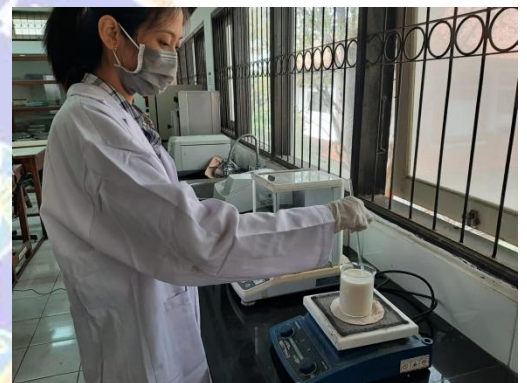
Gambar 01. Alat dan bahan yang digunakan dalam penelitian
Sumber: dokumentasi pribadi



Gambar 02. Proses sterilisasi alat yang digunakan dalam penelitian
Sumber: dokumentasi pribadi



Gambar 03. Proses penghancuran buah tomat
Sumber: dokumentasi pribadi



Gambar 04. Proses pasteurisasi susu
Sumber: dokumentasi pribadi



Gambar 05. Proses pasteurisasi sari buah tomat
Sumber: dokumentasi pribadi



Gambar 06. Proses pencampuran sari buah tomat dengan yogurt
Sumber: dokumentasi pribadi



Gambar 07. Proses inkubasi yogurt buah tomat
Sumber: dokumentasi pribadi



Gambar 08. Yogurt buah tomat
Sumber: dokumentasi pribadi



Gambar 09. Proses pengujian organoleptic oleh panelis
Sumber: dokumentasi pribadi



Gambar 10. Proses pengujian organoleptic oleh panelis
Sumber: dokumentasi pribadi



Gambar 11. Proses pengujian organoleptic oleh panelis
Sumber: dokumentasi pribadi



Gambar 12. Proses pengujian pH yogurt
Sumber: dokumentasi pribadi

RIWAYAT HIDUP



Resty Mutiara Dewi lahir di Banyuwangi pada tanggal 16 Januari 2000. Penulis lahir dari pasangan suami istri Bapak Catur Yoga Ismaya dan Ibu Sukarti. Penulis berkebangsaan Indonesia dan beragama Islam. Kini Penulis beralamat di Perumahan Puri Jimbaran Blok B 21, Desa Jimbaran, Kecamatan Kuta Selatan, Kabupaten Badung, Provinsi Bali.

Penulis menyelesaikan Pendidikan di SD Negeri 11 Jimbaran dan lulus tahun 2011, lalu di SMP Negeri 2 Kuta Selatan dan lulus tahun 2014. Pada tahun 2017 Penulis lulus dari SMA Negeri 1 Kuta Jurusan IPA dan melanjutkan ke Program Studi Biologi di Universitas Pendidikan Ganesha. Mulai tahun 2017 sampai dengan penulisan skripsi ini, Penulis masih terdaftar sebagai mahasiswa Program S1 Biologi di Universitas Pendidikan Ganesha.

