

LAMPIRAN 1

NASKAH PENJELASAN PENELITIAN

Produk *Cookies Gluten Free* dan *Casein Free* Berbasis Ubi Jalar Kuning (*Ipomea batatas L*) dan Kacang Hijau (*Vigna radiata*) Sebagai Alternatif Makanan Selingan Pada Anak Autisme

Saya Karin Fauziah, mahasiswi di Poltekkes Kemenkes Bandung Jurusan Gizi saat ini akan melaksanakan penelitian dari bulan Oktober 2020-Mei 2021. Desain penelitian yang digunakan yaitu studi eksperimental dengan 3 formula *cookies* 70%:30%, 75%:25% dan 80%:20%. Tujuan dari penelitian ini yaitu untuk mengetahui adanya pengaruh formulasi ubi jalar kuning dan kacang hijau terhadap mutu (dilihat dari uji organoleptik) serta mengetahui kadar kalsium dan serat *cookies* berbasis ubi jalar kuning (*Ipomea batatas L*) dan kacang hijau (*Vigna radiata*) untuk anak autis.

Responden yang akan dilibatkan dalam penelitian ini berjumlah 30 orang sebagai panelis agak terlatih dengan kriteria inklusi yaitu bersedia menjadi sampel, mahasiswa minimal tingkat 2 untuk D4 dan mahasiswa minimal tingkat 3 untuk D3 dan pernah mendapatkan materi uji organoleptik serta faktor eksklusi sedang dalam keadaan lapar atau kenyang, dalam keadaan flu, demam, sakit gigi, sariawan atau gangguan pencernaan.

Uji Organoleptik membutuhkan waktu sekitar 10 menit yang meliputi penjelasan sebelum pengujian organoleptik, mencicipi sampel *cookies* hingga pengujian organoleptik. Panelis kemudian mengisi hasil pengujian pada lembar formulir yang telah disediakan. Penelitian ini tidak menimbulkan risiko apapun dan peneliti menjamin kerahasiaan informasi yang diberikan.

Partisipasi sdr/i bersifat sukarela tanpa adanya paksaan dan bila tidak berkenan dapat menolak atau sewaktu-waktu dapat mengundurkan

diri tanpa sanksi apapun. Sebagai tanda terimakasih atas partisipasinya, kami akan memberikan kompensasi pada akhir penelitian. Dan apabila saudara/i membutuhkan informasi penelitian lebih lanjut, dapat menghubungi peneliti utama a.n Karin Fauziah dapat menghubungi nomor HP 081322860024.

LAMPIRAN 2

PERSETUJUAN SETELAH PENJELASAN / PSP (*INFORMED CONSENT*)

Saya bertanda tangan di bawah ini telah mendapatkan penjelasan secara rinci dan mengerti mengenai penelitian Produk *Cookies Gluten Free* dan *Casein Free* Berbasis Ubi Jalar Kuning dan Kacang Hijau Sebagai Alternatif Makanan Selingan Pada Anak Autisme. Untuk itu, saya menyatakan ketersediaan berpartisipasi pada penelitian tersebut:

| Nama Responden | Hari dan Tanggal | Tanda Tangan |
|----------------|------------------|--------------|
| | | |
| Nama Saksi | Hari dan Tanggal | Tanda Tangan |
| | | |

LAMPIRAN 3

FORMULIR UJI ORGANOLEPTIK

Nama Panelis :
Tanggal Pengujian :
Nama Produk : *Cookies* Ubi Jalar Kuning dan Kacang Hijau

Intruksi:

1. Di hadapan saudara/i terdapat beberapa sampel *cookies*.
2. Penilaian secara berurutan dari sampel kiri ke sampel kanan.
3. Lakukan penilaian tingkat kesukaan saudara terhadap rasa, aroma, tekstur, warna dan *overall* dengan cara memberikan tanda ceklis (✓) pada kolom yang tersedia.
4. Setelah melakukan penilaian, netralkan indera saudara/i dengan air minum dan istirahatkan indera saudara/i selama 30 detik sebelum melakukan penilaian selanjutnya.

Kriteria: Warna

| Penilaian | Kode Sampel | | |
|-------------------|-------------|-----|-----|
| | 126 | 312 | 586 |
| Sangat Tidak Suka | | | |
| Tidak Suka | | | |
| Agak Tidak Suka | | | |
| Netral | | | |
| Agak Suka | | | |
| Suka | | | |
| Sangat Suka | | | |

Kriteria: Rasa

| Penilaian | Kode Sampel | | |
|-------------------|--------------------|------------|------------|
| | 126 | 312 | 586 |
| Sangat Tidak Suka | | | |
| Tidak Suka | | | |
| Agak Tidak Suka | | | |
| Netral | | | |
| Agak Suka | | | |
| Suka | | | |
| Sangat Suka | | | |

Kriteria: Aroma

| Penilaian | Kode Sampel | | |
|-------------------|--------------------|------------|------------|
| | 126 | 312 | 586 |
| Sangat Tidak Suka | | | |
| Tidak Suka | | | |
| Agak Tidak Suka | | | |
| Netral | | | |
| Agak Suka | | | |
| Suka | | | |
| Sangat Suka | | | |

Kriteria: Tekstur

| Penilaian | Kode Sampel | | |
|-------------------|-------------|-----|-----|
| | 126 | 312 | 586 |
| Sangat Tidak Suka | | | |
| Tidak Suka | | | |
| Agak Tidak Suka | | | |
| Netral | | | |
| Agak Suka | | | |
| Suka | | | |
| Sangat Suka | | | |

Kriteria: Overall

| Penilaian | Kode Sampel | | |
|-------------------|-------------|-----|-----|
| | 126 | 312 | 586 |
| Sangat Tidak Suka | | | |
| Tidak Suka | | | |
| Agak Tidak Suka | | | |
| Netral | | | |
| Agak Suka | | | |
| Suka | | | |
| Sangat Suka | | | |

Kritik & Saran

LAMPIRAN 4

JADWAL KEGIATAN

| No | Kegiatan | Tahun 2020 | | | | Tahun 2021 | | | | |
|----|--------------------------------------|------------|-----|-----|-----|------------|-----|-----|-----|-----|
| | | Sep | Okt | Nov | Des | Jan | Feb | Mar | Apr | Mei |
| 1 | Penentuan judul proposal skripsi | | | | | | | | | |
| 2 | Bimbingan | | | | | | | | | |
| 3 | Melengkapi Literatur | | | | | | | | | |
| 4 | Penelitian pendahuluan | | | | | | | | | |
| 5 | Pelaksanaan Seminar Proposal Skripsi | | | | | | | | | |
| 6 | Pelaksanaan Penelitian Utama | | | | | | | | | |
| 7 | Penyusunan Skripsi | | | | | | | | | |
| 8 | Ujian Skripsi | | | | | | | | | |

LAMPIRAN 5
PERHITUNGAN KECUKUPAN GIZI

Kecukupan Gizi Sasaran Sehari (Anak 4-9 Tahun)

| Umur | Energi (kkal) | Protein (g) | Lemak (g) | KH (g) | Serat (g) | Kalsium (mg) |
|-----------|------------------|----------------|--------------|-----------|--------------|-----------------|
| 4-6 Tahun | 1400 | 25 | 50 | 250 | 20 | 1000 |
| 7-9 Tahun | 1650 | 40 | 55 | 220 | 23 | 1000 |
| Rata-rata | 1525 | 32,5 | 52,5 | 235 | 21,5 | 1000 |

Kecukupan Gizi Sasaran untuk Makanan Selingan Sehari

| Zat Gizi | Perhitungan | Hasil |
|-----------------|--------------------|-------|
| Energi (kkal) | $1525 \times 10\%$ | 152,5 |
| Protein (g) | $32,5 \times 10\%$ | 3,25 |
| Lemak (g) | $52,5 \times 10\%$ | 5,25 |
| Karbohidrat (g) | $235 \times 10\%$ | 23,5 |
| Serat (g) | $21,5 \times 10\%$ | 2,15 |
| Kalsium (mg) | $1000 \times 10\%$ | 100 |

LAMPIRAN 6

ANALISIS ZAT GIZI COOKIES FORMULASI TEPUNG KACANG HIJAU DAN TEPUNG UBI JALAR KUNING

| Formula 1 | Berat (gr) | Energi | Protein | Lemak | KH | Serat | Kalsium |
|-------------------------|------------|--------|---------|-------|-------|-------|---------|
| Tepung ubi jalar kuning | 35 | 41,65 | 0,175 | 0,14 | 8,785 | 1,47 | 10,5 |
| Tepung kacang hijau | 15 | 48,45 | 3,435 | 0,225 | 8,52 | 0,9 | 14,1 |
| Kuning Telur | 3 | 0,534 | 0,024 | 0,048 | 0 | 0 | 0,222 |
| Margarin | 6 | 43,2 | 0,036 | 4,86 | 0,024 | 0 | 1,2 |
| Gula palm | 8 | 29,44 | 0 | 0 | 7,36 | 0 | 6 |
| Vanilla | 1 | 0,021 | 0 | 0 | 0,004 | 0 | 0,113 |
| Jumlah | | 163,30 | 3,67 | 5,27 | 24,7 | 2,37 | 32,1 |

| Formula 2 | Berat (gr) | Energi | Protein | Lemak | KH | Serat | Kalsium |
|-------------------------|------------|--------|---------|--------|-------|-------|---------|
| Tepung ubi jalar kuning | 37,5 | 44,625 | 0,1875 | 0,15 | 9,41 | 1,6 | 11,25 |
| Tepung kacang hijau | 12,5 | 40,375 | 2,8625 | 0,1875 | 7,1 | 0,7 | 11,75 |
| Kuning Telur | 3 | 0,534 | 0,024 | 0,048 | 0 | 0 | 0,222 |
| Margarin | 6 | 43,2 | 0,036 | 4,86 | 0,024 | 0 | 1,2 |
| Gula palm | 8 | 29,44 | 0 | 0 | 7,36 | 0 | 6 |
| Vanilla | 1 | 0,021 | 0 | 0 | 0,004 | 0 | 0,113 |
| Jumlah | | 158,20 | 3,11 | 5,25 | 23,9 | 2,3 | 30,5 |

| Formula 3 | Berat (g) | Energi | Protein | Lemak | KH | Serat | Kalsium |
|-------------------------|------------------|---------------|----------------|--------------|-----------|--------------|----------------|
| Tepung ubi jalar kuning | 40 | 47,6 | 0,2 | 0,16 | 10,04 | 1,68 | 12 |
| Tepung kacang hijau | 10 | 32,3 | 2,29 | 0,15 | 5,68 | 0,57 | 9,4 |
| Kuning Telur | 3 | 0,534 | 0,024 | 0,048 | 0 | 0 | 0,222 |
| Margarin | 6 | 43,2 | 0,036 | 4,86 | 0,024 | 0 | 1,2 |
| Gula palm | 8 | 29,44 | 0 | 0 | 7,36 | 0 | 6 |
| Vanilla | 1 | 0,021 | 0 | 0 | 0,004 | 0 | 0,113 |
| Jumlah | | 153,01 | 2,55 | 5,22 | 23,12 | 2,94 | 28,95 |

Keterangan: Setiap formulasi menghasilkan 6 buah cookies.

LAMPIRAN 7
MASTER TABEL PENILAIAN SIFAT ORGANOLEPTIK

| No | Nama Responden | Kode sampel | Warna | Rasa | Aroma | Tekstur | <i>Overall</i> |
|----|--------------------|-------------|-------|------|-------|---------|----------------|
| 1 | Annisa Ratu | 126 | 6 | 6 | 6 | 7 | 6 |
| 2 | Dea Anugerahayati | 126 | 7 | 5 | 7 | 6 | 7 |
| 3 | Putri Wulandari | 126 | 6 | 5 | 6 | 5 | 5 |
| 4 | Risna Rahmawati | 126 | 4 | 4 | 5 | 6 | 4 |
| 5 | Nurul Dwi | 126 | 5 | 5 | 5 | 5 | 5 |
| 6 | Aura Nurul Hikmah | 126 | 6 | 7 | 6 | 6 | 6 |
| 7 | Azarine Aqilah | 126 | 6 | 6 | 6 | 5 | 6 |
| 8 | Suci Yanuarti | 126 | 7 | 5 | 6 | 6 | 6 |
| 9 | Dandi Sanjaya | 126 | 6 | 4 | 5 | 6 | 5 |
| 10 | Rifqi Muharram | 126 | 5 | 5 | 4 | 6 | 5 |
| 11 | Ulfah Nurul | 126 | 6 | 6 | 6 | 6 | 6 |
| 12 | Fitri Dyah P | 126 | 6 | 6 | 4 | 6 | 6 |
| 13 | Khoirunnisa | 126 | 6 | 5 | 5 | 5 | 4 |
| 14 | Haseena Ayu | 126 | 5 | 5 | 6 | 6 | 5 |
| 15 | Afiifah Putri | 126 | 6 | 5 | 7 | 4 | 6 |
| 16 | Saffanah Nurgita | 126 | 4 | 5 | 7 | 4 | 7 |
| 17 | Ima Holilatul | 126 | 6 | 5 | 5 | 5 | 6 |
| 18 | Deliana Rahmi R | 126 | 5 | 5 | 5 | 6 | 6 |
| 19 | Arisanti Wulandari | 126 | 6 | 5 | 6 | 7 | 6 |
| 20 | Restu Aprilia | 126 | 6 | 5 | 5 | 5 | 7 |
| 21 | Gaisya Az - Zahra | 126 | 6 | 5 | 5 | 5 | 4 |
| 22 | Fanni Asyifa | 126 | 6 | 5 | 6 | 7 | 6 |
| 23 | Shela Amelia | 126 | 6 | 6 | 5 | 6 | 6 |
| 24 | Shilka Amelia | 126 | 7 | 5 | 6 | 7 | 7 |
| 25 | Karinia Pratiwi | 126 | 4 | 5 | 7 | 5 | 5 |
| 26 | Sella cantika | 126 | 6 | 5 | 5 | 6 | 6 |
| 27 | Kania Aini | 126 | 5 | 5 | 5 | 5 | 7 |
| 28 | Ellizka shifa | 126 | 5 | 5 | 7 | 7 | 6 |
| 29 | Nadya ulfah | 126 | 7 | 5 | 6 | 7 | 6 |
| 30 | Ijni Kusmuliya | 126 | 6 | 6 | 6 | 6 | 6 |

| No | Nama Responden | Kode sampel | Warna | Rasa | Aroma | Tekstur | Overall |
|----|--------------------|-------------|-------|------|-------|---------|---------|
| 1 | Annisa Ratu | 312 | 7 | 4 | 6 | 6 | 6 |
| 2 | Dea Anugerahayati | 312 | 6 | 6 | 6 | 7 | 6 |
| 3 | Putri Wulandari | 312 | 7 | 5 | 7 | 6 | 7 |
| 4 | Risna Rahmawati | 312 | 5 | 4 | 6 | 5 | 4 |
| 5 | Nurul Dwi | 312 | 6 | 4 | 6 | 5 | 5 |
| 6 | Aura Nurul Hikmah | 312 | 5 | 5 | 5 | 5 | 5 |
| 7 | Azarine Aqilah | 312 | 7 | 4 | 7 | 6 | 7 |
| 8 | Suci Yanuarti | 312 | 6 | 6 | 5 | 5 | 5 |
| 9 | Dandi Sanjaya | 312 | 5 | 4 | 5 | 5 | 6 |
| 10 | Rifqi Muharram | 312 | 6 | 5 | 5 | 4 | 5 |
| 11 | Ulfah Nurul | 312 | 5 | 4 | 5 | 5 | 5 |
| 12 | Fitri Dyah P | 312 | 7 | 4 | 5 | 4 | 5 |
| 13 | Khoirunnisa | 312 | 6 | 5 | 4 | 6 | 6 |
| 14 | Haseena Ayu | 312 | 6 | 4 | 5 | 6 | 5 |
| 15 | Afiifah Putri | 312 | 6 | 5 | 5 | 6 | 5 |
| 16 | Saffanah Nurgita | 312 | 6 | 4 | 4 | 6 | 6 |
| 17 | Ima Holilatul | 312 | 5 | 4 | 4 | 5 | 4 |
| 18 | Deliana Rahmi R | 312 | 4 | 4 | 4 | 6 | 5 |
| 19 | Arisanti Wulandari | 312 | 7 | 4 | 4 | 7 | 7 |
| 20 | Restu Aprilia | 312 | 5 | 4 | 4 | 4 | 6 |
| 21 | Gaisya Az - Zahra | 312 | 5 | 4 | 4 | 4 | 5 |
| 22 | Fanni Asyifa | 312 | 5 | 4 | 4 | 4 | 6 |
| 23 | Shela Amelia | 312 | 4 | 4 | 4 | 4 | 5 |
| 24 | Shilka Amelia | 312 | 5 | 4 | 4 | 4 | 5 |
| 25 | Karinia Pratiwi | 312 | 4 | 4 | 4 | 6 | 6 |
| 26 | Sella cantika | 312 | 7 | 4 | 4 | 6 | 7 |
| 27 | Kania Aini | 312 | 6 | 4 | 4 | 6 | 5 |
| 28 | Ellizka shifa | 312 | 4 | 4 | 4 | 5 | 5 |
| 29 | Nadya ulfah | 312 | 5 | 5 | 5 | 4 | 6 |
| 30 | Ijini Kusmuliya | 312 | 6 | 4 | 5 | 4 | 6 |

| No | Nama Responden | Kode sampel | Warna | Rasa | Aroma | Tekstur | Overall |
|----|--------------------|-------------|-------|------|-------|---------|---------|
| 1 | Annisa Ratu | 586 | 5 | 6 | 7 | 7 | 6 |
| 2 | Dea Anugerahayati | 586 | 6 | 4 | 7 | 6 | 6 |
| 3 | Putri Wulandari | 586 | 5 | 5 | 6 | 7 | 6 |
| 4 | Risna Rahmawati | 586 | 5 | 4 | 4 | 5 | 5 |
| 5 | Nurul Dwi | 586 | 6 | 5 | 6 | 6 | 5 |
| 6 | Aura Nurul Hikmah | 586 | 5 | 5 | 6 | 7 | 5 |
| 7 | Azarine Aqilah | 586 | 5 | 4 | 5 | 7 | 5 |
| 8 | Suci Yanuarti | 586 | 6 | 5 | 4 | 7 | 7 |
| 9 | Dandi Sanjaya | 586 | 5 | 5 | 4 | 6 | 5 |
| 10 | Rifqi Muharram | 586 | 5 | 4 | 5 | 5 | 5 |
| 11 | Ulfah Nurul | 586 | 5 | 4 | 6 | 6 | 6 |
| 12 | Fitri Dyah P | 586 | 3 | 5 | 7 | 7 | 6 |
| 13 | Khoirunnisa | 586 | 6 | 6 | 6 | 5 | 7 |
| 14 | Haseena Ayu | 586 | 6 | 4 | 7 | 5 | 6 |
| 15 | Afiifah Putri | 586 | 5 | 5 | 6 | 5 | 5 |
| 16 | Saffanah Nurgita | 586 | 6 | 5 | 4 | 6 | 5 |
| 17 | Ima Holilatul | 586 | 6 | 4 | 6 | 6 | 5 |
| 18 | Deliana Rahmi R | 586 | 6 | 5 | 4 | 6 | 3 |
| 19 | Arisanti Wulandari | 586 | 7 | 6 | 6 | 6 | 6 |
| 20 | Restu Aprilia | 586 | 4 | 4 | 7 | 5 | 5 |
| 21 | Gaisya Az - Zahra | 586 | 4 | 4 | 6 | 4 | 6 |
| 22 | Fanni Asyifa | 586 | 5 | 6 | 6 | 4 | 6 |
| 23 | Shela Amelia | 586 | 5 | 5 | 4 | 4 | 5 |
| 24 | Shilka Amelia | 586 | 6 | 4 | 6 | 7 | 5 |
| 25 | Karinia Pratiwi | 586 | 4 | 4 | 5 | 5 | 4 |
| 26 | Sella cantika | 586 | 6 | 4 | 7 | 6 | 6 |
| 27 | Kania Aini | 586 | 4 | 5 | 5 | 6 | 5 |
| 28 | Ellizka shifa | 586 | 3 | 4 | 4 | 5 | 4 |
| 29 | Nadya ulfah | 586 | 7 | 4 | 6 | 4 | 6 |
| 30 | Ijini Kusmuliya | 586 | 4 | 4 | 6 | 4 | 6 |

LAMPIRAN 8
HASIL UJI LABORATORIUM

HASIL PENGUJIAN

Result of Analysis

Nomor : 2246/BPPI/BBIA/LHU.1/IV/2021
Number
Nomor Analisis : 2292
Analysis Number
Halaman : 2 dari 2
Page of

| Parameter | Satuan | Hasil | Metode Uji / Teknik |
|------------------|---------------|--------------|----------------------------|
| Kalsium (Ca) | mg/100 gram | 74,7 | AOAC 985.35 (50.1.14.2005) |
| Serat pangan | % | 15,8 | AOAC 985.29,2007 |

Deputi Manajer Teknis Pengujian I
Deputy Manager of Testing Laboratories I

Ditandatangani secara elektronik menggunakan
Sertifikat Elektronik yang diterbitkan BSRÉ
Electronically signed using Electronic Certificate issued by BSRÉ



Erna Febriyanti, S.T, M.Si
NIP. 198102042005022001

LAMPIRAN 9
OUTPUT PENGOLAHAN DATA SIFAT ORGANOLEPTIK

- Kriteria Warna**

| Descriptives | | | | |
|----------------------------------|-------------|----------------------------------|-------------|------------|
| A | | | Statistic | Std. Error |
| Nilai | Warna [126] | Mean | 5.73 | .151 |
| | | 95% Confidence Interval for Mean | 5.42 | |
| | | Lower Bound | | 6.04 |
| | | Upper Bound | | |
| | | 5% Trimmed Mean | 5.76 | |
| | | Median | 6.00 | |
| | | Variance | .685 | |
| | | Std. Deviation | .828 | |
| | | Minimum | 4 | |
| | | Maximum | 7 | |
| | | Range | 3 | |
| | | Interquartile Range | 1 | |
| | | Skewness | -.621 | .427 |
| | | Kurtosis | .206 | .833 |
| | | | Warna [312] | Mean |
| 95% Confidence Interval for Mean | 5.24 | | | |
| Lower Bound | | | | 5.96 |
| Upper Bound | | | | |
| 5% Trimmed Mean | 5.61 | | | |
| Median | 6.00 | | | |
| Variance | .938 | | | |
| Std. Deviation | .968 | | | |
| Minimum | 4 | | | |
| Maximum | 7 | | | |
| Range | 3 | | | |
| Interquartile Range | 1 | | | |

| | | | | |
|-------------|----------------------------------|-------------|--------|------|
| | Skewness | | - .059 | .427 |
| | Kurtosis | | - .887 | .833 |
| Warna [586] | Mean | | 5.17 | .186 |
| | 95% Confidence Interval for Mean | Lower Bound | 4.79 | |
| | | Upper Bound | 5.55 | |
| | 5% Trimmed Mean | | 5.19 | |
| | Median | | 5.00 | |
| | Variance | | 1.040 | |
| | Std. Deviation | | 1.020 | |
| | Minimum | | 3 | |
| | Maximum | | 7 | |
| | Range | | 4 | |
| | Interquartile Range | | 1 | |
| | Skewness | | - .356 | .427 |
| | Kurtosis | | - .171 | .833 |

Tests of Normality

| A | | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-------|-------------|---------------------------------|----|------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| Nilai | Warna [126] | .326 | 30 | .000 | .829 | 30 | .000 |
| | Warna [312] | .199 | 30 | .004 | .883 | 30 | .003 |
| | Warna [586] | .202 | 30 | .003 | .908 | 30 | .013 |

a. Lilliefors Significance Correction

Test Statistics^{a,b}

| | Nilai |
|-------------|-------|
| Chi-Square | 5.255 |
| Df | 2 |
| Asymp. Sig. | .072 |

a. Kruskal Wallis Test

b. Grouping Variable: A

- **Kriteria Rasa**

Descriptives

| | | | Statistic | Std. Error |
|---------------------------------------|---------------------------------------|-------------|-----------|------------|
| Standardized Residual for Rasa_126 | Mean | | ,0000 | ,18257 |
| | 95% Confidence Interval for Mean | Lower Bound | -,3734 | |
| | | Upper Bound | ,3734 | |
| | 5% Trimmed Mean | | -,0177 | |
| | Median | | -,3727 | |
| | Variance | | 1,000 | |
| | Std. Deviation | | 1,00000 | |
| | Minimum | | -1,97 | |
| | Maximum | | 2,82 | |
| | Range | | 4,79 | |
| | Interquartile Range | | 1,60 | |
| | Skewness | | ,702 | ,427 |
| | Kurtosis | | 1,314 | ,833 |
| | Standardized Residual for Rasa_312 | Mean | | ,0000 |
| 95% Confidence Interval for Mean | | Lower Bound | -,3734 | |
| | | Upper Bound | ,3734 | |
| 5% Trimmed Mean | | | -,1221 | |
| Median | | | -,5496 | |
| Variance | | | 1,000 | |
| Std. Deviation | | | 1,00000 | |
| Minimum | | | -,55 | |
| Maximum | | | 2,75 | |
| Range | | | 3,30 | |
| Interquartile Range | | | 1,65 | |
| Skewness | | | 1,693 | ,427 |
| Kurtosis | | | 1,958 | ,833 |
| Standardized Residual for Rasa_586 | | Mean | | ,0000 |
| | 95% Confidence Interval for Mean | Lower Bound | -,3734 | |
| | | Upper Bound | ,3734 | |
| | 5% Trimmed Mean | | -,0567 | |
| | Median | | -,1856 | |
| | Variance | | 1,000 | |
| | Std. Deviation | | 1,00000 | |
| | Minimum | | -,88 | |
| | Maximum | | 1,90 | |
| | Range | | 2,78 | |
| | Interquartile Range | | 1,39 | |
| | Skewness | | ,692 | ,427 |
| | Kurtosis | | -,699 | ,833 |

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|------------------------------------|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Standardized Residual for Rasa_126 | ,379 | 30 | ,000 | ,759 | 30 | ,000 |
| Standardized Residual for Rasa_312 | ,442 | 30 | ,000 | ,595 | 30 | ,000 |
| Standardized Residual for Rasa_586 | ,311 | 30 | ,000 | ,760 | 30 | ,000 |

a. Lilliefors Significance Correction

Test Statistics(a,b)

| | Rasa |
|-------------|--------|
| Chi-Square | 25,047 |
| df | 2 |
| Asymp. Sig. | ,000 |

a Kruskal Wallis Test

b Grouping Variable: Perlakuan

Test Statistics(a)

| | Rasa |
|------------------------|---------|
| Mann-Whitney U | 145,000 |
| Wilcoxon W | 610,000 |
| Z | -4,887 |
| Asymp. Sig. (2-tailed) | ,000 |

a Grouping Variable: Perlakuan

Test Statistics(a)

| | Rasa |
|------------------------|---------|
| Mann-Whitney U | 249,000 |
| Wilcoxon W | 714,000 |
| Z | -3,255 |
| Asymp. Sig. (2-tailed) | ,001 |

a Grouping Variable: Perlakuan

Test Statistics(a)

| | Rasa |
|------------------------|---------|
| Mann-Whitney U | 344,000 |
| Wilcoxon W | 809,000 |
| Z | -1,819 |
| Asymp. Sig. (2-tailed) | ,069 |

a Grouping Variable: Perlakuan

- **Kriteria Aroma**

Descriptives

| C | | | Statistic | Std. Error | |
|----------------------------------|-------------|----------------------------------|-------------|------------|------|
| Nilai_2 | Aroma [126] | Mean | 5.67 | .154 | |
| | | 95% Confidence Interval for Mean | Lower Bound | 5.35 | |
| | | | Upper Bound | 5.98 | |
| | | 5% Trimmed Mean | 5.69 | | |
| | | Median | 6.00 | | |
| | | Variance | .713 | | |
| | | Std. Deviation | .844 | | |
| | | Minimum | 4 | | |
| | | Maximum | 7 | | |
| | | Range | 3 | | |
| | | Interquartile Range | 1 | | |
| | | Skewness | -.014 | .427 | |
| | | Kurtosis | -.535 | .833 | |
| | | Aroma [312] | Aroma [312] | Mean | 5.30 |
| 95% Confidence Interval for Mean | Lower Bound | | | 5.00 | |
| | Upper Bound | | | 5.60 | |
| 5% Trimmed Mean | 5.28 | | | | |
| Median | 5.00 | | | | |
| Variance | .631 | | | | |
| Std. Deviation | .794 | | | | |
| Minimum | 4 | | | | |
| Maximum | 7 | | | | |
| Range | 3 | | | | |
| Interquartile Range | 1 | | | | |
| Skewness | .274 | | | .427 | |
| Kurtosis | -.098 | | | .833 | |
| Aroma [586] | Aroma [586] | | | Mean | 5.60 |

| | | | |
|----------------------------------|-------------|--------|------|
| 95% Confidence Interval for Mean | Lower Bound | 5.20 | |
| | Upper Bound | 6.00 | |
| 5% Trimmed Mean | | 5.61 | |
| Median | | 6.00 | |
| Variance | | 1.145 | |
| Std. Deviation | | 1.070 | |
| Minimum | | 4 | |
| Maximum | | 7 | |
| Range | | 3 | |
| Interquartile Range | | 1 | |
| Skewness | | -.369 | .427 |
| Kurtosis | | -1.079 | .833 |

Tests of Normality

| C | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|---------------------|---------------------------------|----|------|--------------|----|------|
| | Statistic | Df | Sig. | Statistic | df | Sig. |
| Nilai_2 Aroma [126] | .220 | 30 | .001 | .873 | 30 | .002 |
| Aroma [312] | .280 | 30 | .000 | .859 | 30 | .001 |
| Aroma [586] | .279 | 30 | .000 | .840 | 30 | .000 |

a. Lilliefors Significance Correction

Test Statistics^{a,b}

| | Nilai_2 |
|-------------|---------|
| Chi-Square | 3.159 |
| Df | 2 |
| Asymp. Sig. | .206 |

a. Kruskal Wallis Test

b. Grouping Variable: C

- **Kriteria Tekstur**

Descriptives

| D | | | Statistic | Std. Error | |
|----------------------------------|---------------|----------------------------------|---------------|------------|------|
| Nilai_3 | Tekstur [126] | Mean | 5.77 | .157 | |
| | | 95% Confidence Interval for Mean | Lower Bound | 5.45 | |
| | | | Upper Bound | 6.09 | |
| | | 5% Trimmed Mean | 5.80 | | |
| | | Median | 6.00 | | |
| | | Variance | .737 | | |
| | | Std. Deviation | .858 | | |
| | | Minimum | 4 | | |
| | | Maximum | 7 | | |
| | | Range | 3 | | |
| | | Interquartile Range | 1 | | |
| | | Skewness | -.214 | .427 | |
| | | Kurtosis | -.484 | .833 | |
| | | Tekstur [312] | Tekstur [312] | Mean | 5.20 |
| 95% Confidence Interval for Mean | Lower Bound | | | 4.84 | |
| | Upper Bound | | | 5.56 | |
| 5% Trimmed Mean | 5.17 | | | | |
| Median | 5.00 | | | | |
| Variance | .924 | | | | |
| Std. Deviation | .961 | | | | |
| Minimum | 4 | | | | |
| Maximum | 7 | | | | |
| Range | 3 | | | | |
| Interquartile Range | 2 | | | | |
| Skewness | .070 | | | .427 | |
| Kurtosis | -1.143 | | | .833 | |
| Tekstur [586] | Tekstur [586] | | | Mean | 5.63 |

| | | | |
|----------------------------------|-------------|--------|------|
| 95% Confidence Interval for Mean | Lower Bound | 5.25 | |
| | Upper Bound | 6.02 | |
| 5% Trimmed Mean | | 5.65 | |
| Median | | 6.00 | |
| Variance | | 1.068 | |
| Std. Deviation | | 1.033 | |
| Minimum | | 4 | |
| Maximum | | 7 | |
| Range | | 3 | |
| Interquartile Range | | 1 | |
| Skewness | | -.183 | .427 |
| Kurtosis | | -1.050 | .833 |

Tests of Normality

| D | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----------------------|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Nilai_3 Tekstur [126] | .240 | 30 | .000 | .873 | 30 | .002 |
| Tekstur [312] | .231 | 30 | .000 | .853 | 30 | .001 |
| Tekstur [586] | .205 | 30 | .002 | .876 | 30 | .002 |

a. Lilliefors Significance Correction

Test Statistics^{a,b}

| | Nilai_3 |
|-------------|---------|
| Chi-Square | 5.133 |
| Df | 2 |
| Asymp. Sig. | .077 |

a. Kruskal Wallis Test

b. Grouping Variable: D

- **Kriteria Overall**

Descriptives

| E | | | Statistic | Std. Error | | |
|---------------------|---------------|----------------------------------|---------------|----------------------------------|-------------|------|
| Nilai_4 | Overall [126] | Mean | 5.77 | .157 | | |
| | | 95% Confidence Interval for Mean | Lower Bound | 5.45 | | |
| | | | Upper Bound | 6.09 | | |
| | | 5% Trimmed Mean | 5.80 | | | |
| | | Median | 6.00 | | | |
| | | Variance | .737 | | | |
| | | Std. Deviation | .858 | | | |
| | | Minimum | 4 | | | |
| | | Maximum | 7 | | | |
| | | Range | 3 | | | |
| | | Interquartile Range | 1 | | | |
| | | Skewness | -.564 | .427 | | |
| | | Kurtosis | .016 | .833 | | |
| | | Overall [312] | Overall [312] | Mean | 5.53 | .150 |
| | | | | 95% Confidence Interval for Mean | Lower Bound | 5.23 |
| Upper Bound | 5.84 | | | | | |
| 5% Trimmed Mean | 5.54 | | | | | |
| Median | 5.00 | | | | | |
| Variance | .671 | | | | | |
| Std. Deviation | .819 | | | | | |
| Minimum | 4 | | | | | |
| Maximum | 7 | | | | | |
| Range | 3 | | | | | |
| Interquartile Range | 1 | | | | | |
| Skewness | .289 | | | .427 | | |
| Kurtosis | -.403 | | | .833 | | |
| Overall [586] | Overall [586] | | | Mean | 5.40 | .156 |

| | | | |
|----------------------------------|-------------|-------|------|
| 95% Confidence Interval for Mean | Lower Bound | 5.08 | |
| | Upper Bound | 5.72 | |
| 5% Trimmed Mean | | 5.43 | |
| Median | | 5.00 | |
| Variance | | .731 | |
| Std. Deviation | | .855 | |
| Minimum | | 3 | |
| Maximum | | 7 | |
| Range | | 4 | |
| Interquartile Range | | 1 | |
| Skewness | | -.553 | .427 |
| Kurtosis | | 1.096 | .833 |

Tests of Normality

| E | | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|---------|---------------|---------------------------------|----|------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| Nilai_4 | Overall [126] | .307 | 30 | .000 | .844 | 30 | .000 |
| | Overall [312] | .276 | 30 | .000 | .856 | 30 | .001 |
| | Overall [586] | .225 | 30 | .000 | .865 | 30 | .001 |

a. Lilliefors Significance Correction

Test Statistics^{a,b}

| | Nilai_4 |
|-------------|---------|
| Chi-Square | 3.274 |
| Df | 2 |
| Asymp. Sig. | .195 |

a. Kruskal Wallis Test

b. Grouping Variable: E

LAMPIRAN 10
DOKUMENTASI

