

**L
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Lampiran 1. Hasil determinasi tanaman turi



KEMENTERIAN KESEHATAN REPUBLIK INDONESIA
BADAN KEBIJAKAN PEMBANGUNAN KESEHATAN
BALAI BESAR PENELITIAN DAN PENGEMBANGAN
TANAMAN OBAT DAN OBAT TRADISIONAL
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Nomor : KM.04.02/2/1512/2022
 Hal : Keterangan Determinasi

23 Agustus 2022

Yth. Dekan Fakultas Farmasi Universitas Setia Budi
 Jalan Letjend. Sutoyo Solo 57127

Merujuk surat Saudara nomor: 851/H6-04/04.08.2022 tanggal 4 Agustus 2022 hal permohonan determinasi, dengan ini kami sampaikan bahwa hasil determinasi sampel tanaman sebagai berikut:

Nama Pemohon : Mutia Sandei
 Nama Sampel : Turi
 Sampel : Tanaman Segar
 Spesies : *Sesbania grandiflora* (L.) Poir.
 Sinonim : *Aeschynomene grandiflora* (L.) L.
 Familia : Fabaceae
 Penanggung Jawab : Isna Jati Asiyah, M.Sc.

Hasil determinasi tersebut hanya mencakup sampel tanaman yang telah dikirimkan ke dan/atau berasal dari B2P2TOOT.

Atas perhatian Saudara, kami sampaikan terima kasih.

Kepala Balai Besar Penelitian
 dan Pengembangan Tanaman Obat
 dan Obat Tradisional



Akhmad Saikhu, S.K.M.,
 M.Sc.PH.

Lampiran 2. Foto tanaman, daun, serbuk, dan ekstrak turi



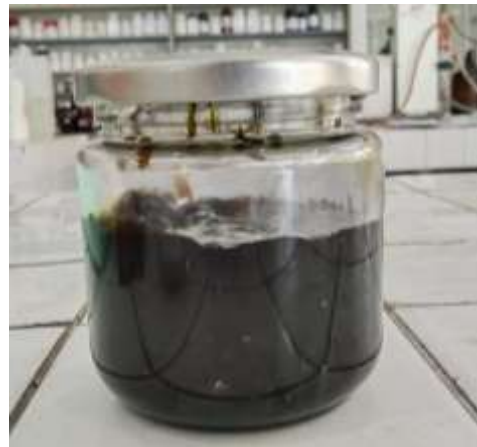
Tanaman Turi



Daun Turi



Serbuk Daun Turi



Ekstrak Daun Turi

Lampiran 3. Uji mutu fisik krim



pH



Viskositas



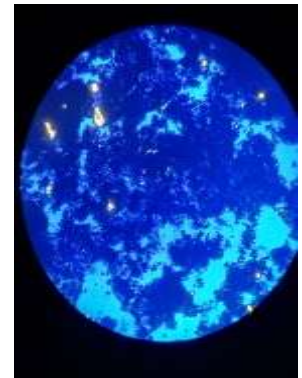
Daya Sebar



Daya Lekat



Homogenitas



Tipe Krim



Pewarnaan



Pengenceran



Organoleptik

Lampiran 4. Hasil perhitungan rendemen daun kering terhadap daun basah

| Bobot daun basah (g) | Bobot daun kering (g) | Rendemen (%) |
|-----------------------------|------------------------------|---------------------|
| 2500 | 895 | 35,8 |

$$\text{Rendemen (\%)} = \frac{\text{Bobot daun kering}}{\text{Bobot daun basah}} \times 100\%$$

$$\text{Rendemen (\%)} = \frac{895 \text{ g}}{2500 \text{ g}} \times 100\%$$

$$\text{Rendemen (\%)} = 35,8 \%$$

Lampiran 5. Hasil perhitungan rendemen serbuk terhadap daun turi

| Bobot daun kering (g) | Bobot serbuk daun kering (g) | Rendemen (%) |
|------------------------------|-------------------------------------|---------------------|
| 895 | 804 | 89,83 |

$$\text{Rendemen (\%)} = \frac{\text{Bobot serbuk daun kering}}{\text{Bobot daun kering}} \times 100\%$$

$$\text{Rendemen (\%)} = \frac{804 \text{ g}}{895 \text{ g}} \times 100\%$$

$$\text{Rendemen (\%)} = 89,83 \%$$

Lampiran 6. Hasil penetapan susut pengeringan serbuk daun turi putih

| No | Berat krus kosong (g) | Berat krus kosong + serbuk sebelum oven (g) | Berat awal serbuk (g) | Berat krus kosong + serbuk setelah oven (g) | Berat akhir serbuk (g) | Susut pengeringan (%) |
|------------------|-----------------------|---|-----------------------|---|------------------------|-----------------------|
| 1 | 22,1258 | 24,1511 | 2,0253 | 23,9521 | 1,8263 | 9,82 |
| 2 | 21,7756 | 23,8212 | 2,0456 | 23,6253 | 1,8497 | 9,57 |
| 3 | 22,2687 | 24,3248 | 2,0561 | 24,1264 | 1,8577 | 9,64 |
| Rata-rata | | | | | | 9,67 ± 0,13 |

Susut pengeringan replikasi 1

- Bobot krus kosong = 22,1258 g
- Bobot krus + serbuk awal = 24,1511 g
- Bobot krus + serbuk akhir = 23,9521 g
- Bobot serbuk awal = 24,1511 g - 22,1258g = 2,0253 g
- Bobot serbuk akhir = 23,9521 g - 22,1258g = 1,8263 g
- Susut pengeringan = $\frac{\text{Berat awal} - \text{berat akhir}}{\text{Berat awal}} \times 100\%$
= $\frac{2,0253 - 1,8263}{2,0253} \times 100\%$
= 9,82 %

Susut pengeringan replikasi 2

- Bobot krus kosong = 21,7756 g
- Bobot krus + serbuk awal = 23,8212 g
- Bobot krus + serbuk akhir = 23,6253 g
- Bobot serbuk awal = 23,8212 g - 21,7756 g = 2,0456 g
- Bobot serbuk akhir = 23,6253 g - 21,7756 g = 1,8497 g
- Susut pengeringan = $\frac{\text{Berat awal} - \text{berat akhir}}{\text{Berat awal}} \times 100\%$
= $\frac{2,0456 - 1,8497}{2,0456} \times 100\%$
= 9,57 %

Susut pengeringan replikasi 3

- Bobot krus kosong = 22,2687 g
- Bobot krus + serbuk awal = 24,3248 g
- Bobot krus + serbuk akhir = 22,3587 g
- Bobot serbuk awal = 24,3248 g - 22,2687 g
= 2,0561 g
- Bobot serbuk akhir = 24,1264 g - 22,2687 g
= 1,8577 g
- Susut pengeringan = $\frac{\text{Berat awal} - \text{berat akhir}}{\text{Berat awal}} \times 100\%$
= $\frac{2,0561 - 1,8577}{2,0561} \times 100\%$
= 9,64 %

Lampiran 7. Hasil rendemen ekstrak daun turi putih

| Bobot serbuk (g) | Bobot ekstrak (g) | Rendemen (%) |
|-------------------------|--------------------------|---------------------|
| 700 | 180 | 25,71 |

$$\text{Rendemen (\%)} = \frac{\text{Bobot ekstrak}}{\text{Bobot serbuk}} \times 100\%$$

$$\text{Rendemen (\%)} = \frac{180 \text{ g}}{700 \text{ g}} \times 100\%$$

$$\text{Rendemen (\%)} = 25,71\%$$

Lampiran 8. Hasil penetapan susut pengeringan ekstrak daun turi putih

| No | Berat krus kosong (g) | Berat krus kosong + ekstrak sebelum oven (g) | Berat awal ekstrak (g) | Berat krus kosong + ekstrak setelah oven (g) | Berat akhir ekstrak (g) | Susut pengeringan (%) |
|------------------|-----------------------|--|------------------------|--|-------------------------|-----------------------|
| 1 | 22,1258 | 24,1311 | 2,0053 | 23,9459 | 1,8201 | 9,23 |
| 2 | 21,7756 | 23,7862 | 2,0106 | 23,6140 | 1,8384 | 8,56 |
| 3 | 22,2687 | 24,2778 | 2,0091 | 24,0966 | 1,8279 | 9,02 |
| Rata-rata | | | | | | 8,94 ± 0,34 |

Susut pengeringan replikasi 1

- Bobot krus kosong = 22,1258 g
- Bobot krus + ekstrak awal = 24,1311 g
- Bobot krus + ekstrak akhir = 23,9459 g
- Bobot ekstrak awal = 24,1311 g - 22,1258 g = 2,0053 g
- Bobot ekstrak akhir = 23,9459 g - 22,1258 g = 1,8201 g
- Susut pengeringan = $\frac{\text{Berat awal} - \text{berat akhir}}{\text{Berat awal}} \times 100\%$
= $\frac{2,0053 - 1,8201}{2,0053} \times 100\%$
= 9,23 %

Susut pengeringan replikasi 2

- Bobot krus kosong = 21,7756 g
- Bobot krus + ekstrak awal = 23,7862 g
- Bobot krus + ekstrak akhir = 23,6140 g
- Bobot ekstrak awal = 23,7862 g - 21,7756 g = 2,0106 g
- Bobot ekstrak akhir = 23,6140 g - 21,7756 g = 1,8384g
- Susut pengeringan = $\frac{\text{Berat awal} - \text{berat akhir}}{\text{Berat awal}} \times 100\%$
= $\frac{2,0106 - 1,8384}{2,0106} \times 100\%$
= 8,56 %

Susut pengeringan replikasi 3




- Bobot krus kosong = 22,2687 g
- Bobot krus + ekstrak awal = 24,2778 g
- Bobot krus + ekstrak akhir = 24,0966 g
- Bobot ekstrak awal = 24,2778 g - 22,2687 g
= 2,0091 g
- Bobot ekstrak akhir = 24,0966 g - 22,2687 g
= 1,8279 g
- Susut pengeringan = $\frac{\text{Berat awal} - \text{berat akhir}}{\text{Berat awal}} \times 100\%$
= $\frac{2,0091 - 1,8279}{2,0091} \times 100\%$
= 9,02 %

Lampiran 9. Hasil uji bebas etanol

| Uji bebas etanol | Hasil pengujian |
|--|-------------------------|
| 2 mg ekstrak kental + 5 tetes asam asetat (CH ₃ COOH) + 2 tetes asam sulfat pekat (H ₂ SO ₄), dipanaskan | Tidak tercium bau ester |



Lampiran 10. Hasil Identifikasi Kandungan Senyawa Ekstrak Daun Turi

| Golongan Senyawa | Gambar | Hasil |
|------------------|---|---|
| Saponin |  | Terbentuk buih dan tidak hilang setelah penambahan HCl 2N |
| Tanin |  | Terbentuk warna hijau kehitaman |
| Flavonoid |  | Terbentuk warna kuning jingga |

Lampiran 11. Data Orientasi Ekstrak Daun Turi

| Ekstrak Daun Turi | Diameter Daya Hambat (mm) | | | |
|------------------------------|----------------------------------|--------------------|--------------------|------------------|
| | Replikasi 1 | Replikasi 2 | Replikasi 3 | Rata-rata |
| 4% | 8,33 | 8,02 | 8,28 | 8,21 |
| 8% | 11,67 | 10,23 | 9,74 | 10,54 |
| 12% | 10,10 | 10,87 | 12,3 | 11,09 |
| Kontrol + | 20,07 | 10,32 | 20,34 | 16,91 |

Lampiran 12. Hasil data SPSS orientasi ekstrak

| Tests of Normality | | | | | | | |
|--------------------|---------|---------------------------------|----|------|--------------|----|------|
| | Formula | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| DayaHambat | Kons4 | .258 | 3 | . | .960 | 3 | .614 |
| | Kons8 | .291 | 3 | . | .925 | 3 | .471 |
| | Kons12 | .245 | 3 | . | .971 | 3 | .672 |
| | Kons+ | .368 | 3 | . | .790 | 3 | .091 |

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

DayaHambat

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 6.698 | 3 | 8 | .014 |

ANOVA

DayaHambat

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 181.927 | 3 | 60.642 | 23.664 | .000 |
| Within Groups | 20.501 | 8 | 2.563 | | |
| Total | 202.427 | 11 | | | |

DayaHambat

Tukey HSD^a

| Formula | N | Subset for alpha = 0.05 | |
|---------|---|-------------------------|---------|
| | | 1 | 2 |
| Kons4 | 3 | 8.2100 | |
| Kons8 | 3 | 10.5467 | 10.5467 |
| Kons12 | 3 | 11.0900 | 11.0900 |
| Kons+ | 3 | | 16.9100 |
| Sig. | | .647 | .111 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 13. Bahan Identifikasi *Candida albicans*



Media SDA



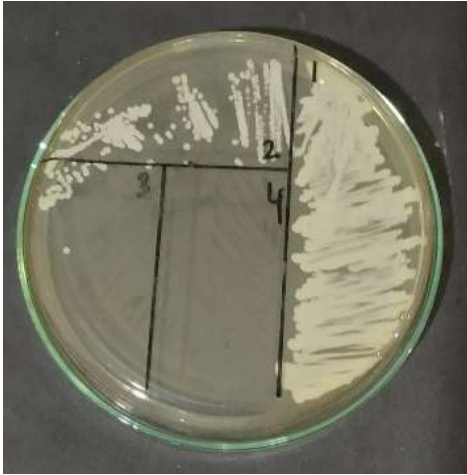
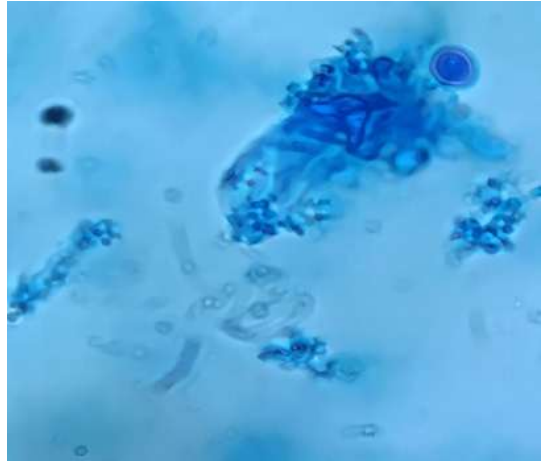
Serum Plasma



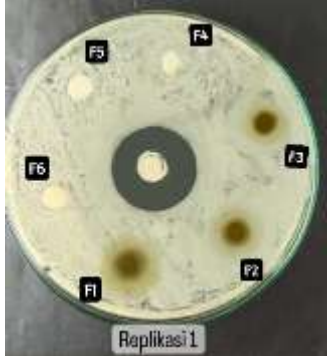
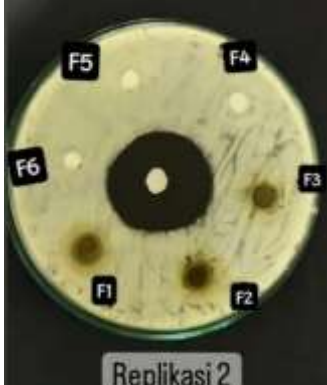
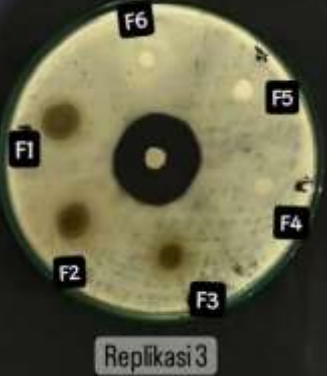
Biakan Murni Jamur



Peremajaan Jamur

Lampiran 14. Hasil Identifikasi *Candida albicans***a. Identifikasi secara makroskopis****b. Identifikasi secara mikroskopis****c. Identifikasi secara biokimia**

Lampiran 15. Hasil uji aktivitas antijamur krim ekstrak daun turi putih

| No | Gambar |
|----|---|
| 1 |  |
| 2 |  |
| 3 |  |

Keterangan :

F1 : Krim ekstrak daun turi dengan konsentrasi setil alkohol 2%.

F2 : Krim ekstrak daun turi dengan konsentrasi setil alkohol 3%.

F3 : Krim ekstrak daun turi dengan konsentrasi setil alkohol 4%.

F4 : Krim tanpa ekstrak daun turi dengan konsentrasi setil alkohol 2% (kontrol -).

F5 : Krim tanpa ekstrak daun turi dengan konsentrasi setil alkohol 3% (kontrol -).

F6 : Krim tanpa ekstrak daun turi dengan konsentrasi setil alkohol 4% (kontrol -).

K+ : Krim ketoconazole

Lampiran 16. Data hasil pengujian pH

| Formula | Hasil | | | |
|----------------|--------------------|--------------------|--------------------|------------------|
| | Replikasi 1 | Replikasi 2 | Replikasi 3 | Rata-rata |
| Formula 1 | 6,52 | 6,48 | 6,44 | 6,48 ± 0,04 |
| Formula 2 | 6,42 | 6,39 | 6,38 | 6,40 ± 0,02 |
| Formula 3 | 6,21 | 6,27 | 6,24 | 6,24 ± 0,03 |
| Formula 4 | 6,42 | 6,41 | 6,44 | 6,42 ± 0,02 |
| Formula 5 | 6,32 | 6,33 | 6,35 | 6,33 ± 0,02 |
| Formula 6 | 6,23 | 6,22 | 6,19 | 6,21 ± 0,02 |

Lampiran 17. Hasil analisis SPSS pengujian pH

| Tests of Normality | | | | | | | | |
|--------------------|-----------|---------------------------------|----|------|--------------|----|-------|--|
| | Formula | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | | |
| | | Statistic | df | Sig. | Statistic | df | Sig. | |
| pH | Formula 1 | .175 | 3 | . | 1.000 | 3 | 1.000 | |
| | Formula 2 | .292 | 3 | . | .923 | 3 | .463 | |
| | Formula 3 | .175 | 3 | . | 1.000 | 3 | 1.000 | |
| | Formula 4 | .253 | 3 | . | .964 | 3 | .637 | |
| | Formula 5 | .253 | 3 | . | .964 | 3 | .637 | |
| | Formula 6 | .292 | 3 | . | .923 | 3 | .463 | |

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

pH

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| .822 | 5 | 12 | .557 |

ANOVA

pH

| | Sum of Squares | Df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | .161 | 5 | .032 | 52.166 | .000 |
| Within Groups | .007 | 12 | .001 | | |
| Total | .168 | 17 | | | |

Ph

Tukey HSD^a

| Formula | N | Subset for alpha = 0.05 | | | |
|-----------|---|-------------------------|--------|--------|--------|
| | | 1 | 2 | 3 | 4 |
| Formula 6 | 3 | 6.2133 | | | |
| Formula 3 | 3 | 6.2400 | | | |
| Formula 5 | 3 | | 6.3333 | | |
| Formula 2 | 3 | | 6.3967 | 6.3967 | |
| Formula 4 | 3 | | | 6.4100 | |
| Formula 1 | 3 | | | | 6.4800 |
| Sig. | | .772 | .074 | .984 | 1.000 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3,000.

Lampiran 18. Data hasil pengujian viskositas

| Formula | Hasil | | | Rata-rata |
|----------------|--------------------|--------------------|--------------------|------------------|
| | Replikasi 1 | Replikasi 2 | Replikasi 3 | |
| Formula 1 | 10.600 | 10.480 | 11.120 | 10.733 ± 340,20 |
| Formula 2 | 12.320 | 12.760 | 11.440 | 12.173 ± 672,11 |
| Formula 3 | 13.680 | 14.640 | 14.960 | 14.427 ± 666,13 |
| Formula 4 | 23.520 | 23.880 | 24.350 | 23.917 ± 416,21 |
| Formula 5 | 26.400 | 25.960 | 24.800 | 25.720 ± 826,56 |
| Formula 6 | 26.440 | 27.200 | 27.040 | 26.893 ± 400,67 |

Lampiran 19. Hasil analisis SPSS pengujian viskositas

| Tests of Normality | | | | | | | | |
|--------------------|-----------|---------------------------------|----|------|--------------|----|------|--|
| | Formula | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | | |
| | | Statistic | df | Sig. | Statistic | df | Sig. | |
| Viskositas | Formula 1 | .319 | 3 | . | .885 | 3 | .339 | |
| | Formula 2 | .253 | 3 | . | .964 | 3 | .637 | |
| | Formula 3 | .292 | 3 | . | .923 | 3 | .463 | |
| | Formula 4 | .202 | 3 | . | .994 | 3 | .854 | |
| | Formula 5 | .281 | 3 | . | .937 | 3 | .515 | |
| | Formula 6 | .310 | 3 | . | .900 | 3 | .384 | |

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

Viskositas

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| 1.014 | 5 | 12 | .451 |

ANOVA

Viskositas

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|---------------|---------|------|
| Between Groups | 802470427.800 | 5 | 160494085.600 | 474.796 | .000 |
| Within Groups | 4056333.333 | 12 | 338027.778 | | |
| Total | 806526761.100 | 17 | | | |

Viskositas

Tukey HSD^a

| Formula | N | Subset for alpha = 0.05 | | | |
|-----------|---|-------------------------|----------|----------|----------|
| | | 1 | 2 | 3 | 4 |
| Formula 1 | 3 | 10733.33 | | | |
| Formula 2 | 3 | 12173.33 | | | |
| Formula 3 | 3 | | 14426.67 | | |
| Formula 4 | 3 | | | 23916.67 | |
| Formula 5 | 3 | | | | 25720.00 |
| Formula 6 | 3 | | | | 26893.33 |
| Sig. | | .086 | 1.000 | 1.000 | .207 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Lampiran 20. Data hasil pengujian daya lekat

| Formula | Replikasi 1 | Replikasi 2 | Replikasi 3 | Rata-rata |
|-----------|-------------|-------------|-------------|-----------------|
| Formula 1 | 1,07 | 1,11 | 1,09 | $1,09 \pm 0,02$ |
| Formula 2 | 1,36 | 1,32 | 1,31 | $1,33 \pm 0,03$ |
| Formula 3 | 1,36 | 1,32 | 1,31 | $1,76 \pm 0,03$ |
| Formula 4 | 1,66 | 1,69 | 1,65 | $1,67 \pm 0,02$ |
| Formula 5 | 1,91 | 1,96 | 1,95 | $1,94 \pm 0,03$ |
| Formula 6 | 2,18 | 2,14 | 2,12 | $2,15 \pm 0,03$ |

Lampiran 21. Hasil analisis SPSS pengujian daya lekat

| Tests of Normality | | | | | | | | |
|--------------------|-----------|---------------------------------|----|------|--------------|----|-------|--|
| | | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | | |
| | Formula | Statistic | df | Sig. | Statistic | df | Sig. | |
| Daya_Lekat | Formula 1 | .175 | 3 | . | 1.000 | 3 | 1.000 | |
| | Formula 2 | .314 | 3 | . | .893 | 3 | .363 | |
| | Formula 2 | .219 | 3 | . | .987 | 3 | .780 | |
| | Formula 4 | .292 | 3 | . | .923 | 3 | .463 | |
| | Formula 5 | .314 | 3 | . | .893 | 3 | .363 | |
| | Formula 6 | .253 | 3 | . | .964 | 3 | .637 | |

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

Daya_lekat

| Levene Statistic | df1 | df2 | Sig. |
|------------------|-----|-----|------|
| .255 | 5 | 12 | .929 |

ANOVA

Daya_lekat

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|---------|------|
| Between Groups | 2.279 | 5 | .456 | 719.693 | .000 |
| Within Groups | .008 | 12 | .001 | | |
| Total | 2.287 | 17 | | | |

DayaLekat

Tukey HSD^a

| Formula | N | Subset for alpha = 0.05 | | | | | |
|-----------|---|-------------------------|--------|--------|--------|--------|--------|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| Formula 1 | 3 | 1.0900 | | | | | |
| Formula 2 | 3 | | 1.3300 | | | | |
| Formula 4 | 3 | | | 1.6667 | | | |
| Formula 3 | 3 | | | | 1.7633 | | |
| Formula 5 | 3 | | | | | 1.9400 | |
| Formula 6 | 3 | | | | | | 2.1467 |
| Sig. | | 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 = 3.000.

Lampiran 22. Data hasil pengujian daya sebar

| Formula | Beban (g) | Diameter Penyebaran (cm) | | | Rata-rata |
|------------------|-----------|--------------------------|-------------|-------------|-----------|
| | | Replikasi 1 | Replikasi 2 | Replikasi 3 | |
| Formula 1 | 0 | 3,8 | 3,9 | 3,9 | 3,9 |
| | 50 | 4,2 | 4,6 | 4,4 | 4,4 |
| | 100 | 5,1 | 5,2 | 4,7 | 5,0 |
| | 150 | 5,7 | 5,8 | 5,1 | 5,5 |
| | 200 | 6,0 | 6,5 | 5,7 | 6,1 |
| Rata-rata | | | | | 5,0 |
| Formula 2 | 0 | 3,3 | 3,4 | 3,7 | 3,5 |
| | 50 | 3,5 | 3,8 | 3,9 | 3,7 |
| | 100 | 3,8 | 4,0 | 4,3 | 4,0 |
| | 150 | 4,3 | 4,2 | 4,8 | 4,4 |
| | 200 | 4,7 | 4,4 | 5,0 | 4,7 |
| Rata | | | | | 4,1 |
| Formula 3 | 0 | 3,1 | 2,9 | 3,0 | 3,0 |
| | 50 | 3,5 | 3,3 | 3,4 | 3,4 |
| | 100 | 3,8 | 4,0 | 4,3 | 4,0 |
| | 150 | 4,3 | 4,2 | 4,8 | 4,4 |
| | 200 | 4,7 | 4,4 | 5,0 | 4,7 |
| Rata | | | | | 3,9 |
| Formula 4 | 0 | 4,5 | 4,7 | 4,2 | 4,5 |
| | 50 | 5,0 | 5,4 | 5,2 | 5,2 |
| | 100 | 5,5 | 5,8 | 5,4 | 5,6 |
| | 150 | 6,2 | 6,4 | 5,8 | 6,1 |
| | 200 | 6,5 | 6,4 | 6,2 | 6,4 |
| Rata | | | | | 5,5 |
| Formula 5 | 0 | 3,9 | 3,9 | 3,9 | 3,9 |
| | 50 | 4,6 | 4,7 | 4,7 | 4,7 |
| | 100 | 5,0 | 5,3 | 5,3 | 5,2 |
| | 150 | 5,8 | 5,8 | 5,7 | 5,8 |
| | 200 | 6,0 | 6,0 | 5,7 | 5,9 |
| Rata | | | | | 5,1 |
| Formula 6 | 3,7 | 3,5 | 3,7 | 3,6 | 3,7 |
| | 4,4 | 4,3 | 4,4 | 4,4 | 4,4 |
| | 4,9 | 4,8 | 5,0 | 4,9 | 4,9 |
| | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 |
| | 5,8 | 5,9 | 5,7 | 5,8 | 5,8 |
| Rata | | | | | 4,8 |

Lampiran 23. Hasil analisis SPSS pengujian daya sebar

| | | Tests of Normality ^{b,c} | | | | | |
|----------------------|-----------------------|-----------------------------------|----|-------|--------------|-------|-------|
| | | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
| | Daya Sebar | Statistic | df | Sig. | Statistic | df | Sig. |
| DayaSebar | Formula 1 Beban 0g | .385 | 3 | . | .750 | 3 | .000 |
| | Formula 1 Beban 50g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 1 Beban 100g | .314 | 3 | . | .893 | 3 | .363 |
| | Formula 1 Beban 150 g | .337 | 3 | . | .855 | 3 | .253 |
| | Formula 1 Beban 200g | .232 | 3 | . | .980 | 3 | .726 |
| | Formula 2 Beban 0g | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 2 Beban 50g | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 2 Beban 100g | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 2 Beban 150g | .328 | 3 | . | .871 | 3 | .298 |
| | Formula 2 Beban 200g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 3 Beban 0g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 3 Beban 50g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 3 Beban 100g | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 3 Beban 150g | .328 | 3 | . | .871 | 3 | .298 |
| | Formula 3 Beban 200g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 4 Beban 0g | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 4 Beban 50g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 4 Beban 100g | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 4 Beban 150g | .253 | 3 | . | .964 | 3 | .637 |
| | Formula 4 Beban 200g | .253 | 3 | . | .964 | 3 | .637 |
| | Formula 5 Beban 50g | .385 | 3 | . | .750 | 3 | .000 |
| | Formula 5 Beban 100g | .385 | 3 | . | .750 | 3 | .000 |
| | Formula 5 Beban 150g | .385 | 3 | . | .750 | 3 | .000 |
| | Formula 5 Beban 200g | .385 | 3 | . | .750 | 3 | .000 |
| Formula 6 Beban 0g | .385 | 3 | . | .750 | 3 | .000 | |
| Formula 6 Beban 50g | .385 | 3 | . | .750 | 3 | .000 | |
| Formula 6 Beban 100g | .175 | 3 | . | 1.000 | 3 | 1.000 | |
| Formula 6 Beban 200g | .175 | 3 | . | 1.000 | 3 | 1.000 | |

a. Lilliefors Significance Correction

b. DayaSebar is constant when Daya Sebar = Formula 5 Beban 0g. It has been omitted.

c. DayaSebar is constant when Daya Sebar = Formula 6 Beban 150g. It has been omitted.

Test of Homogeneity of Variances

| DayaSebar | Levene Statistic | df1 | df2 | Sig. |
|-----------|------------------|-----|-----|------|
| | 1.979 | 29 | 60 | .013 |

Kruskal-Wallis Test

Ranks

| | Daya Sebar | N | Mean Rank |
|-----------|-----------------------|----|-----------|
| DayaSebar | Formula 1 Beban 0g | 3 | 18.83 |
| | Formula 1 Beban 50g | 3 | 35.33 |
| | Formula 1 Beban 100g | 3 | 54.83 |
| | Formula 1 Beban 150 g | 3 | 69.33 |
| | Formula 1 Beban 200g | 3 | 81.50 |
| | Formula 2 Beban 0g | 3 | 7.67 |
| | Formula 2 Beban 50g | 3 | 15.00 |
| | Formula 2 Beban 100g | 3 | 24.00 |
| | Formula 2 Beban 150g | 3 | 36.50 |
| | Formula 2 Beban 200g | 3 | 45.83 |
| | Formula 3 Beban 0g | 3 | 2.00 |
| | Formula 3 Beban 50g | 3 | 6.67 |
| | Formula 3 Beban 100g | 3 | 24.00 |
| | Formula 3 Beban 150g | 3 | 36.50 |
| | Formula 3 Beban 200g | 3 | 45.83 |
| | Formula 4 Beban 0g | 3 | 37.67 |
| | Formula 4 Beban 50g | 3 | 60.00 |
| | Formula 4 Beban 100g | 3 | 69.83 |
| | Formula 4 Beban 150g | 3 | 83.50 |
| | Formula 4 Beban 200g | 3 | 87.50 |
| | Formula 5 Beban 0g | 3 | 20.50 |
| | Formula 5 Beban 50g | 3 | 44.17 |
| | Formula 5 Beban 100g | 3 | 60.00 |
| | Formula 5 Beban 150g | 3 | 75.67 |
| | Formula 5 Beban 200g | 3 | 79.33 |
| | Formula 6 Beban 0g | 3 | 11.00 |
| | Formula 6 Beban 50g | 3 | 35.33 |
| | Formula 6 Beban 100g | 3 | 52.33 |
| | Formula 6 Beban 150g | 3 | 67.50 |
| | Formula 6 Beban 200g | 3 | 76.83 |
| | Total | 90 | |

Test Statistics^{a,b}

| | DayaSebar |
|-------------|-----------|
| Chi-Square | 85.373 |
| df | 29 |
| Asymp. Sig. | .000 |

a. Kruskal Wallis Test

b. Grouping Variable: Daya

Sebar

**Lampiran 24. Data hasil pengujian pH stabilitas sediaan krim
dengan *cycling test***

| Waktu | Formula | Replikasi 1 | Replikasi 2 | Replikasi 3 | Rata-rata |
|---------------------------------|----------------|--------------------|--------------------|--------------------|------------------|
| <i>Sebelum Cycling test</i> | Formula 1 | 6,52 | 6,48 | 6,44 | 6,48 ± 0,04 |
| | Formula 2 | 6,42 | 6,39 | 6,38 | 6,40 ± 0,02 |
| | Formula 3 | 6,21 | 6,27 | 6,24 | 6,24 ± 0,03 |
| | Formula 4 | 6,42 | 6,41 | 6,44 | 6,42 ± 0,02 |
| | Formula 5 | 6,32 | 6,33 | 6,35 | 6,33 ± 0,02 |
| | Formula 6 | 6,23 | 6,22 | 6,19 | 6,21 ± 0,02 |
| <i>Sesudah Cycling test</i> | Formula 1 | 6,4 | 6,44 | 6,46 | 6,43 ± 0,03 |
| | Formula 2 | 6,32 | 6,35 | 6,3 | 6,32 ± 0,03 |
| | Formula 3 | 6,17 | 6,21 | 6,15 | 6,18 ± 0,03 |
| | Formula 4 | 6,38 | 6,37 | 6,37 | 6,37 ± 0,01 |
| | Formula 5 | 6,28 | 6,3 | 6,26 | 6,28 ± 0,02 |
| | Formula 6 | 6,2 | 6,17 | 6,15 | 6,17 ± 0,03 |

Lampiran 25. Hasil analisis SPSS pengujian pH stabilitas sediaan krim dengan *cycling test*

| | | Statistic | df | Sig. | Statistic | df | Sig. |
|------------------------|-----------|-----------|----|------|-----------|----|-------|
| pH_sebelum_cyclingtest | Formula 1 | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 2 | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 3 | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 4 | .253 | 3 | . | .964 | 3 | .637 |
| | Formula 5 | .253 | 3 | . | .964 | 3 | .637 |
| | Formula 6 | .292 | 3 | . | .923 | 3 | .463 |
| pH_setelah_cyclingtest | Formula 1 | .253 | 3 | . | .964 | 3 | .637 |
| | Formula 2 | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 3 | .253 | 3 | . | .964 | 3 | .637 |
| | Formula 4 | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 5 | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 6 | .219 | 3 | . | .987 | 3 | .780 |

a. Lilliefors Significance Correction

T-Test

Test of Homogeneity of Variances

| | Levene Statistic | df1 | df2 | Sig. |
|------------------------|------------------|-----|-----|------|
| pH_sebelum_cyclingtest | .590 | 5 | 12 | .708 |
| pH_setelah_cyclingtest | .725 | 5 | 12 | .618 |

Paired Samples Statistics

| | Mean | N | Std. Deviation | Std. Error Mean |
|--------|------------------------|--------|----------------|-----------------|
| Pair 1 | pH_sebelum_cyclingtest | 6.3478 | 18 | .10120 |
| | pH_setelah_cyclingtest | 6.2928 | 18 | .10028 |

Paired Samples Correlations

| | N | Correlation | Sig. |
|--|----|-------------|------|
| Pair 1 pH_sebelum_cyclingtest & pH_setelah_cyclingtest | 18 | .948 | .000 |

Paired Samples Test

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|--------|---|--------------------|----------------|-----------------|---|--------|-------|----|-----------------|
| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | | | |
| | | | | | Lower | Upper | | | |
| Pair 1 | pH_sebelum_cyclingtest - pH_setelah_cyclingtest | .05500 | .03240 | .00764 | .03889 | .07111 | 7.201 | 17 | .000 |

**Lampiran 26. Data hasil pengujian viskositas stabilitas sediaan krim
dengan *cycling test***

| Waktu | Formula | Replikasi 1 | Replikasi 2 | Replikasi 3 | Rata-rata |
|--------------------------------|-----------|-------------|-------------|-------------|-------------------|
| Sebelum <i>Cycling test</i> | Formula 1 | 10.600 | 10.480 | 11.120 | 10.733 ± 340,20 |
| | Formula 2 | 12.320 | 12.760 | 11.440 | 12.173 ± 672,11 |
| | Formula 3 | 13.680 | 14.640 | 14.960 | 14.427 ± 666,13 |
| | Formula 4 | 23.520 | 23.880 | 24.350 | 23.917 ± 416,21 |
| | Formula 5 | 26.400 | 25.960 | 24.800 | 25.720 ± 826,56 |
| | Formula 6 | 26.440 | 27.200 | 27.040 | 26.893 ± 400,67 |
| Sesudah <i>Cycling test</i> | Formula 1 | 10.224 | 9.940 | 9.860 | 10.008 ± 191,29 |
| | Formula 2 | 11.360 | 11.640 | 11.760 | 11.587 ± 205,26 |
| | Formula 3 | 13.640 | 13.980 | 13.820 | 13.813 ± 170,10 |
| | Formula 4 | 23.390 | 22.720 | 23.280 | 23.130 ± 359,30 |
| | Formula 5 | 25.160 | 25.040 | 24.640 | 24.947 ± 272,27 |
| | Formula 6 | 25.840 | 26.240 | 25.980 | 256. 020 ± 202,98 |

Lampiran 27. Hasil analisis SPSS pengujian daya lekat stabilitas sediaan krim dengan *cycling test*

Tests of Normality

| | Formula | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|--------------------------------|-----------|---------------------------------|----|------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| Viskositas_sebelum_cyclingtest | Formula 1 | .360 | 3 | . | .809 | 3 | .135 |
| | Formula 2 | .232 | 3 | . | .980 | 3 | .726 |
| | Formula 3 | .253 | 3 | . | .964 | 3 | .637 |
| | Formula 4 | .271 | 3 | . | .948 | 3 | .559 |
| | Formula 5 | .337 | 3 | . | .854 | 3 | .251 |
| | Formula 6 | .355 | 3 | . | .820 | 3 | .163 |
| Viskositas_sesudah_cyclingtest | Formula 1 | .208 | 3 | . | .992 | 3 | .826 |
| | Formula 2 | .208 | 3 | . | .992 | 3 | .826 |
| | Formula 3 | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 4 | .331 | 3 | . | .865 | 3 | .281 |
| | Formula 5 | .272 | 3 | . | .947 | 3 | .554 |
| | Formula 6 | .356 | 3 | . | .818 | 3 | .157 |

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

| | Levene Statistic | df1 | df2 | Sig. |
|--------------------------------|------------------|-----|-----|------|
| Viskositas_sebelum_cyclingtest | 5.495 | 5 | 12 | .007 |
| Viskositas_sesudah_cyclingtest | 3.071 | 5 | 12 | .052 |

T-Test

Paired Samples Correlations

| | N | Correlation | Sig. |
|--|----|-------------|------|
| Pair 1 Viskositas_sebelum_cyclingtest & Viskositas_sesudah_cyclingtest | 18 | .975 | .000 |

Paired Samples Test

| | Mean | Std. Deviation | Std. Error Mean | Paired Differences | | t | df | Sig. (2-tailed) |
|--|---------|----------------|-----------------|---|----------|--------|----|-----------------|
| | | | | 95% Confidence Interval of the Difference | | | | |
| | | | | Lower | Upper | | | |
| Pair 1 Viskositas_sebelum_cyclingtest - Viskositas_sesudah_cyclingtest | 1833.11 | 1976.935 | 465.968 | -2816.218 | -850.004 | -3.934 | 17 | .001 |

**Lampiran 28. Data hasil pengujian daya lekat stabilitas sediaan krim
dengan *cycling test***

| Waktu | Formula | Replikasi 1 | Replikasi 2 | Replikasi 3 | Rata-rata |
|--|-----------|-------------|-------------|-------------|-------------|
| Sebelum <i>Cycling</i> <i>test</i> | Formula 1 | 1,07 | 1,11 | 1,09 | 1,09 ± 0,02 |
| | Formula 2 | 1,36 | 1,32 | 1,31 | 1,33 ± 0,03 |
| | Formula 3 | 1,36 | 1,32 | 1,31 | 1,76 ± 0,03 |
| | Formula 4 | 1,66 | 1,69 | 1,65 | 1,67 ± 0,02 |
| | Formula 5 | 1,91 | 1,96 | 1,95 | 1,94 ± 0,03 |
| | Formula 6 | 2,18 | 2,14 | 2,12 | 2,15 ± 0,03 |
| Sesudah <i>Cycling</i> <i>test</i> | Formula 1 | 1,36 | 1,39 | 1,35 | 1,37 ± 0,02 |
| | Formula 2 | 1,64 | 1,66 | 1,69 | 1,66 ± 0,03 |
| | Formula 3 | 1,99 | 2,02 | 1,97 | 1,99 ± 0,03 |
| | Formula 4 | 1,92 | 1,97 | 1,96 | 1,95 ± 0,03 |
| | Formula 5 | 2,06 | 2,08 | 2,03 | 2,06 ± 0,03 |
| | Formula 6 | 2,33 | 2,35 | 2,36 | 2,35 ± 0,02 |

Lampiran 29. Hasil analisis SPSS pengujian daya lekat stabilitas sediaan krim dengan *cycling test*

Tests of Normality

| | Formula | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|--------------------------------|-----------|---------------------------------|----|------|--------------|----|-------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| Daya_lekat_sebelum_cyclingtest | Formula 1 | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 3 | .314 | 3 | . | .893 | 3 | .363 |
| | Formula 3 | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 4 | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 5 | .314 | 3 | . | .893 | 3 | .363 |
| | Formula 6 | .253 | 3 | . | .964 | 3 | .637 |
| Daya_lekat_setelah_cyclingtest | Formula 1 | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 3 | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 3 | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 4 | .314 | 3 | . | .893 | 3 | .363 |
| | Formula 5 | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 6 | .253 | 3 | . | .964 | 3 | .637 |

a. Lilliefors Significance Correction

Test of Homogeneity of Variances

| | Levene Statistic | df1 | df2 | Sig. |
|--------------------------------|------------------|-----|-----|------|
| Daya_lekat_sebelum_cyclingtest | .255 | 5 | 12 | .929 |
| Daya_lekat_setelah_cyclingtest | .243 | 5 | 12 | .936 |

T-Test

Paired Samples Statistics

| Pair | | Mean | N | Std. | Std. Error |
|--------|--------------------------------|--------|----|-----------|------------|
| | | | | Deviation | Mean |
| Pair 1 | Daya_lekat_sebelum_cyclingtest | 1.6561 | 18 | .36675 | .08644 |
| | Daya_lekat_setelah_cyclingtest | 1.8961 | 18 | .31932 | .07526 |

Paired Samples Correlations

| Pair | | N | Correlation | Sig. |
|--------|---|----|-------------|------|
| | | | | |
| Pair 1 | Daya_lekat_sebelum_cyclingtest & Daya_lekat_setelah_cyclingtest | 18 | .984 | .000 |

Paired Samples Test

| Pair | | Paired Differences | | | | | | | |
|--------|---|--------------------|----------------|-----------------|---|---------|---------|----|-----------------|
| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | t | df | Sig. (2-tailed) |
| | | | | | Lower | Upper | | | |
| Pair 1 | Daya_lekat_sebelum_cyclingtest - Daya_lekat_setelah_cyclingtest | -.2400 | .07700 | .01815 | -.27829 | -.20171 | -13.223 | 17 | .000 |

Lampiran 30. Data hasil pengujian daya sebar stabilitas sediaan krim dengan *cycling tes*

| Formula | | 0 g | 50 g | 100 g | 150 g | 200 g | Rata - rata |
|---------|--------------------------------|-----|------|-------|-------|-------|-------------|
| F1 | Sebelum <i>Cycling test</i> | 3,9 | 4,4 | 5,0 | 5,5 | 6,1 | 5,0 |
| | Setelah <i>Cycling test</i> | 3,8 | 4,3 | 4,8 | 5,3 | 6,0 | 4,8 |
| F2 | Sebelum <i>Cycling test</i> | 3,5 | 3,7 | 4,0 | 4,4 | 4,7 | 4,1 |
| | Setelah <i>Cycling test</i> | 3,2 | 3,7 | 4,0 | 4,2 | 4,5 | 3,9 |
| F3 | Sebelum <i>Cycling test</i> | 3,0 | 3,4 | 4,0 | 4,4 | 4,7 | 3,9 |
| | Setelah <i>Cycling test</i> | 3,0 | 3,3 | 3,6 | 3,9 | 4,1 | 3,6 |
| F4 | Sebelum <i>Cycling test</i> | 4,5 | 5,2 | 5,6 | 6,1 | 6,4 | 5,5 |
| | Setelah <i>Cycling test</i> | 4,3 | 4,9 | 5,4 | 5,8 | 6,3 | 5,3 |
| F5 | Sebelum <i>Cycling test</i> | 3,9 | 4,7 | 5,2 | 5,8 | 5,9 | 5,1 |
| | Setelah <i>Cycling test</i> | 3,7 | 4,4 | 5,0 | 5,6 | 5,7 | 4,9 |
| F6 | Sebelum <i>Cycling test</i> | 3,6 | 4,4 | 4,9 | 5,5 | 5,8 | 4,8 |
| | Setelah <i>Cycling test</i> | 3,5 | 4,1 | 4,7 | 5,3 | 5,7 | 4,7 |

Lampiran 31. Hasil analisis SPSS pengujian daya sebar stabilitas sediaan krim dengan *cycling test*

Tests of Normality^{b,c}

| DayaSebar | Daya Sebar | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|----------------------|-----------------------|---------------------------------|----|-------|--------------|-------|-------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| DayaSebar | Formula 1 Beban 0g | .385 | 3 | . | .750 | 3 | .000 |
| | Formula 1 Beban 50g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 1 Beban 100g | .314 | 3 | . | .893 | 3 | .363 |
| | Formula 1 Beban 150 g | .337 | 3 | . | .855 | 3 | .253 |
| | Formula 1 Beban 200g | .232 | 3 | . | .980 | 3 | .726 |
| | Formula 2 Beban 0g | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 2 Beban 50g | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 2 Beban 100g | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 2 Beban 150g | .328 | 3 | . | .871 | 3 | .298 |
| | Formula 2 Beban 200g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 3 Beban 0g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 3 Beban 50g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 3 Beban 100g | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 3 Beban 150g | .328 | 3 | . | .871 | 3 | .298 |
| | Formula 3 Beban 200g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 4 Beban 0g | .219 | 3 | . | .987 | 3 | .780 |
| | Formula 4 Beban 50g | .175 | 3 | . | 1.000 | 3 | 1.000 |
| | Formula 4 Beban 100g | .292 | 3 | . | .923 | 3 | .463 |
| | Formula 4 Beban 150g | .253 | 3 | . | .964 | 3 | .637 |
| | Formula 4 Beban 200g | .253 | 3 | . | .964 | 3 | .637 |
| | Formula 5 Beban 50g | .385 | 3 | . | .750 | 3 | .000 |
| | Formula 5 Beban 100g | .385 | 3 | . | .750 | 3 | .000 |
| | Formula 5 Beban 150g | .385 | 3 | . | .750 | 3 | .000 |
| | Formula 5 Beban 200g | .385 | 3 | . | .750 | 3 | .000 |
| Formula 6 Beban 0g | .385 | 3 | . | .750 | 3 | .000 | |
| Formula 6 Beban 50g | .385 | 3 | . | .750 | 3 | .000 | |
| Formula 6 Beban 100g | .175 | 3 | . | 1.000 | 3 | 1.000 | |
| Formula 6 Beban 200g | .175 | 3 | . | 1.000 | 3 | 1.000 | |

a. Lilliefors Significance Correction

b. DayaSebar is constant when Daya Sebar = Formula 5 Beban 0g. It has been omitted.

c. DayaSebar is constant when Daya Sebar = Formula 6 Beban 150g. It has been omitted.

**Lampiran 32. Data hasil pengujian daya hambat sediaan krim
terhadap *Candida albicans***

| Formula | Diameter Daya Hambat (mm) | | | |
|----------------|----------------------------------|--------------------|--------------------|------------------|
| | Replikasi 1 | Replikasi 2 | Replikasi 3 | Rata-rata |
| Formula 1 | 14,38 | 13,5 | 13,18 | 13,7 |
| Formula 2 | 13,14 | 12,24 | 12,16 | 12,52 |
| Formula 3 | 9,46 | 10,68 | 10,94 | 10,36 |
| Formula 4 | 0,00 | 0,00 | 0,00 | 0 |
| Formula 5 | 0,00 | 0,00 | 0,00 | 0 |
| Formula 6 | 0,00 | 0,00 | 0,00 | 0 |
| Kontrol + | 35,2 | 37,86 | 34,04 | 35,7 |

Lampiran 33. Hasil analisis SPSS pengujian daya hambat sediaan krim terhadap *Candida albicans*

Tests of Normality^{b,c}

| | Kelompok | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-------------|-----------|---------------------------------|----|------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| Daya_Hambat | Formula 1 | .269 | 3 | . | .949 | 3 | .567 |
| | Formula 2 | .359 | 3 | . | .811 | 3 | .141 |
| | Formula 3 | .239 | 3 | . | .975 | 3 | .696 |
| | Formula 4 | .385 | 3 | . | .750 | 3 | .000 |
| | Kontrol + | .267 | 3 | . | .951 | 3 | .574 |

a. Lilliefors Significance Correction

b. Daya_Hambat is constant when Kelompok = Formula 5. It has been omitted.

c. Daya_Hambat is constant when Kelompok = Formula 6. It has been omitted.

Test of Homogeneity of Variances

| Daya_Hambat | Levene Statistic | df1 | df2 | Sig. |
|-------------|------------------|-----|-----|------|
| | 11.443 | 6 | 14 | .000 |

Ranks

| | Kelompok | N | Mean Rank |
|-------------|-----------|----|-----------|
| Daya_Hambat | Formula 1 | 3 | 17.00 |
| | Formula 2 | 3 | 14.00 |
| | Formula 3 | 3 | 11.00 |
| | Formula 4 | 3 | 6.00 |
| | Formula 5 | 3 | 4.50 |
| | Formula 6 | 3 | 4.50 |
| | Kontrol + | 3 | 20.00 |
| | Total | 21 | |

Test Statistics^{a,b}

| Daya_Hambat | |
|-------------|--------|
| Chi-Square | 19.409 |
| df | 6 |
| Asymp. Sig. | .004 |

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok

Daya Hambat

| Formula | N | Subset for alpha = 0.05 | | | |
|-----------|---|-------------------------|---------|---------|---------|
| | | 1 | 2 | 3 | 4 |
| Formula 4 | 3 | .0000 | | | |
| Formula 5 | 3 | .0000 | | | |
| Formula 6 | 3 | .0000 | | | |
| Formula 3 | 3 | | 10.3600 | | |
| Formula 2 | 3 | | 12.5167 | 12.5167 | |
| Formula 1 | 3 | | | 13.6867 | |
| Kontrol + | 3 | | | | 35.7000 |
| Sig. | | 1.000 | .089 | .643 | 1.000 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.