# Lampiran 1. Surat Determinasi Buah Jeruk Bali



# C:\Users\USER\Documents\Bluetooth Folder\08-06-2020-15.09.45.jpgLampiran 2. Surat Rekomendasi Persetujuan Etik Penelitian

# Lampiran 3. Bagan Alir Penelitian

Kulit jeruk bali

gram

Disortasi basah, dicuci, ditimbang, dikeringkan, disortasi kering dan ditimbang

Simplisia kering

gram

Serbuk simplia

gram

Dihaluskan dengan blender, ditimbang dan disimpan dalam wadah bertutup rapat

Skrining kulit jeruk bali

karakterisasi

Pembuatan ekstrak etanol kulit jeruk bali (EEKJB)

* Alkaloid
* Flavonoid
* Tanin
* Saponin
* Steroid/triterpenoid
* Glikosida
* Glikosida antrakuinon
* Makroskopik
* Kadar air
* Kadar sari larut air
* Kadar sari larut etanol
* Kadar abu total
* Kadar abu tidak larut asam

Dimaserasi dengan etanol 96% dan diuapkan dengan *Vacum rotary evaporator*

Ekstrak etanol kulit jeruk bali

Kulit jeruk bali

gram

Disortasi basah, dicuci, ditimbang, dikeringkan, disortasi kering dan ditimbang

Simplisia kering

gram

Serbuk simplia

gram

Dihaluskan dengan blender, ditimbang dan disimpan dalam wadah bertutup rapat

Skrining kulit jeruk bali

karakterisasi

Pembuatan ekstrak etanol kulit jeruk bali (EEKJB)

* Alkaloid
* Flavonoid
* Tanin
* Saponin
* Steroid/triterpenoid
* Glikosida
* Glikosida antrakuinon
* Makroskopik
* Kadar air
* Kadar sari larut air
* Kadar sari larut etanol
* Kadar abu total
* Kadar abu tidak larut asam

Dimaserasi dengan etanol 96% dan diuapkan dengan *Vacum rotary evaporator*

Ekstrak etanol kulit jeruk bali

Lampiran 3. (Lanjutan)

Mencit

Dikelompokkan menjadi 5 kelompok

Aklimatisasi selama 2 minggu

Pemberian bahan uji secara oral

Kelompok 1

Kelompok 2

Kelompok 3

Simvastatin

Larutan Na-CMC

Dosis Rendah 200 mg EKJB

Dosis Sedang 400 mg EKJB

Dosis

Tinggi

600 mg EKJB

Pengamatan dilakukan setelah pemberian ekstrak selama 14 hari

Pengukuran kadar kolesterol dalam darah pada mencit diukur menggunakan alat

Kadar kolesterol mencit

Kelompok

4

Kelompok 5

Induksi kuning telur angsa

Diukur kadar kolesterol mencit

Mencit

Dikelompokkan menjadi 5 kelompok

Aklimatisasi selama 2 minggu

Pemberian bahan uji secara oral

Kelompok 1

Kelompok 2

Kelompok 3

Simvastatin

Larutan Na-CMC

Dosis Rendah 200 mg EKJB

Dosis Sedang 400 mg EKJB

Dosis

Tinggi

600 mg EKJB

Pengamatan dilakukan setelah pemberian ekstrak selama 14 hari

Pengukuran kadar kolesterol dalam darah pada mencit diukur menggunakan alat

Kadar kolesterol mencit

Kelompok

4

Kelompok 5

Induksi kuning telur angsa

Diukur kadar kolesterol mencit

# Lampiran 4. Sampel yang digunakan



Buah jeruk bali

# Lampiran 5. Hasil Identifikasi Makroskopik

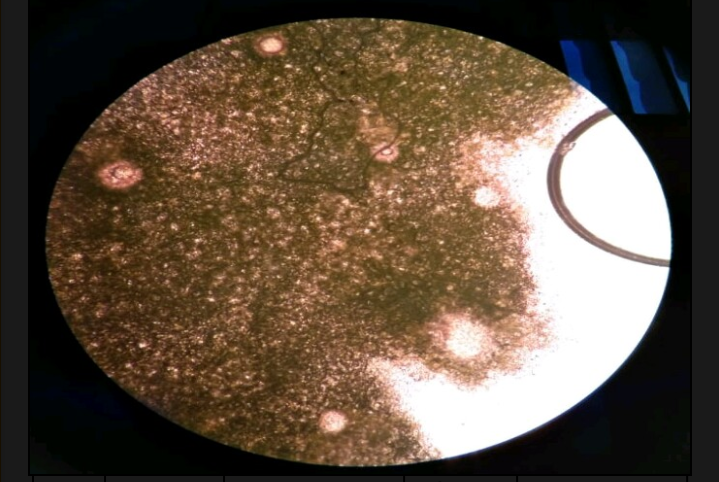


Kulit buah jeruk bali



Simplisia kulit jeruk bali

# Lampiran 6. Hasil Identifikasi Mikroskopik



# 1

# Hasil mikroskopik penampang melintang kulit jeruk bali perbesaran 400 x

# Keterangan:

1. Fragmen rongga minyak skizolisigen

# C:\Users\USER\Documents\Bluetooth Folder\Calon S.Farm\dokumentasi penelitian\IMG_20200204_181652.jpgLampiran 7. Proses Ekstraksi

Serbuk simplisia kulit jeruk bali



Ekstraksi Maserasi

# Lampiran 8. Vacum rotary evaporator dan pengukuran kadar air



Pengentalan ekstrak menggunakan vacum rotary evaporator

# C:\Users\USER\Documents\Bluetooth Folder\Calon S.Farm\dokumentasi penelitian\IMG_20200227_150346.jpg

Pengukuran kadar air

# Lampiran 9. Ekstrak kulit jeruk bali dan pengujian antihiperkolestrolemia



Ekstrak kulit jeruk bali



Larutan uji

# Lampiran 10. Hasil uji skrinning fitokimia

# C:\Users\USER\Documents\Bluetooth Folder\Calon S.Farm\dokumentasi penelitian\IMG_20200214_145540.jpgC:\Users\USER\Documents\Bluetooth Folder\IMG_20200214_154920.jpg

Alkaloid Flavonoid

# C:\Users\USER\Documents\Bluetooth Folder\IMG_20200214_154001.jpgC:\Users\USER\Documents\Bluetooth Folder\IMG_20200214_151449.jpg

# Saponin Steroid

# C:\Users\USER\Documents\Bluetooth Folder\Calon S.Farm\dokumentasi penelitian\IMG_20200214_150540.jpg

Tanin

# Lampiran 11. Perhitungan hasil karakterisasi simplisia

1. Penetapan Kadar sari yang larut dalam Air

Berat Cawan mula-mula = = gr

Berat Cawan + Zat terlarut = = gr

Massa Zat Terlarut = (Berat Cawan + Zat terlarut) - Berat Cawan mula-mula  
 = gr -   
 = 0,43847gr

%Kadar sari larut dalam air = x100%

= x100%

= 43,847%

2. Penetapan Kadar sari yang larut dalam Etanol

Berat Cawan mula-mula = = gr

Berat Cawan + Zat terlarut = = gr

Massa Zat Terlarut = (Berat Cawan + Zat terlarut) - Berat Cawan mula-mula  
 = gr - gr  
 = 0,22474 gr

%Kadar sari larut dalam etanol = x100%

= x100%

= 22,474%

3. Penetapan Kadar Abu Total

Berat Cawan mula-mula (A) = = gr

Berat Cawan mula-mula + Sampel sebelum ditanur = gr + 2,0010gr  
 = gr

Berat Cawan + Sampel setelah ditanur (B) = = gr

Lampiran 11. (Lanjutan)

Massa Abu Total = B-A  
 = gr - gr  
 = 0,08437gr

%Kadar Abu Total = x100%

= x100%

= 4,216%

4. Penetapan Kadar Abu Yang Tidak Larut Dalam Asam

Berat kertas saring = = 1,0353gr

Berat kertas saring + residu = = gr

Residu = (Berat kertas saring + residu) – (Berat kertas saring)  
 = gr - 1,0353gr  
 = 0,3352gr

%Kadar Abu Yang Tidak Larut Dalam Asam= x100%

= x100%

= 3,97%

5.Penetapan kadar air

Diperoleh V1= 0,6 dan V2 = 0,75

% kadar air = x 100%

= x 100%

= 6 %

# Lampiran 12. Tabel Konversi Perhitungan Dosis Antara Jenis Hewan dan Manusia

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Hewan dan BB rata-rata | Mencit  20 g | Tikus  200 g | Marmut  400 g | Kelinci  1,5 Kg | Kucing  2 Kg | Kera  4 Kg | Anjing  12 Kg | Manusia  70 Kg |
| Mencit  20 g | 1,0 | 7,0 | 12,29 | 27,8 | 28,7 | 64,1 | 124,2 | 387,9 |
| Tikus  200 g | 0,14 | 1,0 | 1,74 | 3,9 | 4,2 | 9,2 | 17,8 | 60,5 |
| Marmut  400 g | 0,08 | 0,57 | 1,0 | 2,25 | 2,4 | 5,2 | 10,2 | 31,5 |
| Kelinci  1,5 Kg | 0,04 | 0,25 | 0,44 | 1,0 | 1,06 | 2,4 | 4,5 | 14,2 |
| Kucing  2 Kg | 0,03 | 0,23 | 0,41 | 0,92 | 1,0 | 2,2 | 4,1 | 13,0 |
| Kera  4 Kg | 0,016 | 0,11 | 0,19 | 0,42 | 0,45 | 1,0 | 1,9 | 6,1 |
| Anjing  12 Kg | 0,008 | 0,06 | 0,10 | 0,22 | 0,24 | 0,52 | 1,0 | 3,1 |
| Manusia  70 Kg | 0,0026 | 0,018 | 0,031 | 0,07 | 0,76 | 0,16 | 0,32 | 1,0 |

# Lampiran 13. Perhitungan Dosis Sediaan

1. Dosis Simvastatin

Konversi dosis manusia ke dosis mencit

Dosis lazim simvastatin pada manusia : 10 mg

Dosis tikus : 0,0026

Berat badan mencit : 20 g

10 mg x 0,0026 = 0,026 mg/ 20 g

= 0,026 mg/0,02 Kg

= 1,3 mg/KgBB

Suspensi simvastatin dibuat dengan cara melarutkan 10 mg simvastatin dalam 50 ml Na CMC 0,5%. Jadi, konsentrasi nya :

= 10 mg/50 ml

= 0,2 mg/ml

Dosis untuk mencit 20 g yaitu :

Dosis =

Contoh :

= 0,026 mg

Volume ml

Jadi, volume simvastatin yang diberikan adalah 0,13 ml

Lampiran 13. (Lanjutan)

2.Dosis CMC

Suspensi CMC 0,5 %

0,5 % = 0,5 g/ 100 ml

= 500 mg/100 ml

= 5 mg/ml

Berat badan mencit = 20 g

Dosis : 50 mg/kgBB

= 0,00005 g BB x 20 g = 0,001 g = 1 mg

Volume suspensi yang diberikan = = 0,2 ml

1. EKJB dosis 200 mg/Kg BB (0,2 g/kg BB)

Berat badan mencit = 20 g

Konsentrasi = 1 g/ml

Dosis =

Contoh :

= 0,04 ml

1. EKJB dosis 400 mg/Kg BB (0,4g/kg BB)

Berat badan mencit = 20 g

Konsentrasi= 1 g/ml

Dosis =

Lampiran 13. (Lanjutan)

Contoh :

= 0,08 ml

1. EKJB dosis 600 mg/Kg BB (0,6 g/kg BB)

Berat Badan Mencit = 20 g

Konsentrasi= 1 g/ ml

Dosis =

Contoh :

= 0,12 ml

# C:\Users\USER\Documents\Bluetooth Folder\IMG_20200211_082136.jpgLampiran 14. Gambar hewan, alat dan strip kolesterol

Hewan percobaan



Strip kolesterol dan alat pengukuran kadar kolesterol

# Lampiran 15. Induksi dan pengambilan darah



Mencit diberikan perlakuan secara oral



Ekor mencit dipotong

Lampiran 16. Pengukuran kadar kolesterol pada mencit

Hasil pengukuran kadar kolesterol dalam darah pada mencit

Lampiran 17. Hasil data kadar kolesterol mencit

1. Kelompok kontrol negatif (larutan Na-CMC 0,5%)

|  |  |  |  |
| --- | --- | --- | --- |
| No | Induksi | Hari ke 11 | Hari ke 21 |
| 1 | 185 | 187 | 188 |
| 2 | 140 | 140 | 146 |
| 3 | 160 | 160 | 164 |
| 4 | 139 | 140 | 141 |
| 5 | 128 | 129 | 130 |
| Rata-rata | 150,4 | 151,2 | 153,8 |

1. Kelompok kontrol positif (Simvastatin)

|  |  |  |  |
| --- | --- | --- | --- |
| No | Induksi | Hari ke 11 | Hari ke 21 |
| 1 | 190 | 80 | 65 |
| 2 | 188 | 90 | 80 |
| 3 | 195 | 78 | 60 |
| 4 | 184 | 88 | 80 |
| 5 | 177 | 89 | 81 |
| Rata-rata | 186,8 | 85 | 73,2 |

1. Ekstrak kulit jeruk bali (EKJB) 200 mg/kg BB

|  |  |  |  |
| --- | --- | --- | --- |
| No | induksi | hari ke 11 | hari ke 21 |
| 1 | 185 | 188 | 153 |
| 2 | 140 | 144 | 146 |
| 3 | 160 | 157 | 165 |
| 4 | 139 | 120 | 128 |
| 5 | 128 | 128 | 130 |
| Rata-rata | 150,4 | 147,4 | 144,4 |

1. Ekstrak kulit jeruk bali (EKJB) 400 mg/kg BB

|  |  |  |  |
| --- | --- | --- | --- |
| No | Induksi | Hari ke 11 | Hari ke 21 |
| 1 | 146 | 127 | 110 |
| 2 | 151 | 126 | 112 |
| 3 | 119 | 114 | 102 |
| 4 | 162 | 130 | 105 |
| 5 | 199 | 160 | 120 |
| Rata-rata | 155,4 | 131,4 | 109,8 |

Lampiran 17. (Lanjutan)

1. Ekstrak kulit jeruk bali (EKJB) 600 mg/kg BB

|  |  |  |  |
| --- | --- | --- | --- |
| No | Induksi | Hari ke 11 | Hari ke 21 |
| 1 | 211 | 160 | 130 |
| 2 | 180 | 141 | 105 |
| 3 | 195 | 155 | 102 |
| 4 | 199 | 145 | 103 |
| 5 | 201 | 160 | 112 |
| Rata-rata | 197,2 | 152,2 | 110,4 |

Lampiran 18. Data hasil statistik One Way ANOVA

1. Uji Normalitas

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | |
|  | kelompok\_perlakuan | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
|  | Statistic | df | Sig. | Statistic | df | Sig. |
| Normal | Dosis 600 mg/kg BB | ,210 | 5 | ,200\* | ,908 | 5 | ,457 |
| Dosis 400 mg/kg BB | ,215 | 5 | ,200\* | ,926 | 5 | ,567 |
| Dosis 200 mg/kg BB | ,315 | 5 | ,117 | ,784 | 5 | ,060 |
| Na CMC | ,246 | 5 | ,200\* | ,939 | 5 | ,660 |
| Simvastatin | ,333 | 5 | ,073 | ,782 | 5 | ,058 |
| Induksi | Dosis 600 mg/kg BB | ,223 | 5 | ,200\* | ,956 | 5 | ,778 |
| Dosis 400 mg/kg BB | ,210 | 5 | ,200\* | ,963 | 5 | ,830 |
| Dosis 200 mg/kg BB | ,183 | 5 | ,200\* | ,950 | 5 | ,736 |
| Na CMC | ,278 | 5 | ,200\* | ,909 | 5 | ,463 |
| Simvastatin | ,170 | 5 | ,200\* | ,984 | 5 | ,955 |
| hari\_ke\_11 | Dosis 600 mg/kg BB | ,225 | 5 | ,200\* | ,861 | 5 | ,230 |
| Dosis 400 mg/kg BB | ,333 | 5 | ,074 | ,849 | 5 | ,192 |
| Dosis 200 mg/kg BB | ,215 | 5 | ,200\* | ,899 | 5 | ,403 |
| Na CMC | ,165 | 5 | ,200\* | ,946 | 5 | ,710 |
| Simvastatin | ,305 | 5 | ,145 | ,830 | 5 | ,140 |
| hari\_ke\_21 | Dosis 600 mg/kg BB | ,279 | 5 | ,200\* | ,798 | 5 | ,078 |
| Dosis 400 mg/kg BB | ,176 | 5 | ,200\* | ,967 | 5 | ,855 |
| Dosis 200 mg/kg BB | ,222 | 5 | ,200\* | ,930 | 5 | ,595 |
| Na CMC | ,263 | 5 | ,200\* | ,813 | 5 | ,103 |
| Simvastatin | ,353 | 5 | ,041 | ,783 | 5 | ,058 |
| \*. This is a lower bound of the true significance. | | | | | | | |

Lampiran 18. (Lanjutan)

1. Uji Homogenitas

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test of Homogeneity of Variances | | | | |
|  | Levene Statistic | df1 | df2 | Sig. |
| Normal | 1,377 | 4 | 20 | ,278 |
| Induksi | 1,768 | 4 | 20 | ,175 |
| hari\_ke\_11 | 2,005 | 4 | 20 | ,133 |
| hari\_ke\_21 | 2,385 | 4 | 20 | ,086 |

1. Uji ANOVA

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ANOVA | | | | | | |
|  | | Sum of Squares | df | Mean Square | F | Sig. |
| Normal | Between Groups | 2923,760 | 4 | 730,940 | 10,603 | ,000 |
| Within Groups | 1378,800 | 20 | 68,940 |  |  |
| Total | 4302,560 | 24 |  |  |  |
| Induksi | Between Groups | 8859,040 | 4 | 2214,760 | 5,759 | ,003 |
| Within Groups | 7691,200 | 20 | 384,560 |  |  |
| Total | 16550,240 | 24 |  |  |  |
| hari\_ke\_11 | Between Groups | 14945,440 | 4 | 3736,360 | 14,509 | ,000 |
| Within Groups | 5150,400 | 20 | 257,520 |  |  |
| Total | 20095,840 | 24 |  |  |  |
| hari\_ke\_21 | Between Groups | 17457,760 | 4 | 4364,440 | 22,256 | ,000 |
| Within Groups | 3922,000 | 20 | 196,100 |  |  |
| Total | 21379,760 | 24 |  |  |  |

Lampiran 18. (Lanjutan)

1. Uji Tukey

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Multiple Comparisons | | | | | | | |
| Tukey HSD | | | | | | | |
| Dependent Variable | (I) kelompok\_perlakuan | (J) kelompok\_perlakuan | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval | |
| Lower Bound | Upper Bound |
| normal | Dosis 600 mg/kg BB | Dosis 400 mg/kg BB | 18,400\* | 5,251 | ,017 | 2,69 | 34,11 |
| Dosis 200 mg/kg BB | -5,800 | 5,251 | ,802 | -21,51 | 9,91 |
| Na CMC | 14,800 | 5,251 | ,071 | -,91 | 30,51 |
| Simvastatin | -8,200 | 5,251 | ,537 | -23,91 | 7,51 |
| Dosis 400 mg/kg BB | Dosis 600 mg/kg BB | -18,400\* | 5,251 | ,017 | -34,11 | -2,69 |
| Dosis 200 mg/kg BB | -24,200\* | 5,251 | ,001 | -39,91 | -8,49 |
| Na CMC | -3,600 | 5,251 | ,957 | -19,31 | 12,11 |
| Simvastatin | -26,600\* | 5,251 | ,001 | -42,31 | -10,89 |
| Dosis 200 mg/kg BB | Dosis 600 mg/kg BB | 5,800 | 5,251 | ,802 | -9,91 | 21,51 |
| Dosis 400 mg/kg BB | 24,200\* | 5,251 | ,001 | 8,49 | 39,91 |
| Na CMC | 20,600\* | 5,251 | ,007 | 4,89 | 36,31 |
| Simvastatin | -2,400 | 5,251 | ,990 | -18,11 | 13,31 |
| Na CMC | Dosis 600 mg/kg BB | -14,800 | 5,251 | ,071 | -30,51 | ,91 |
| Dosis 400 mg/kg BB | 3,600 | 5,251 | ,957 | -12,11 | 19,31 |
| Dosis 200 mg/kg BB | -20,600\* | 5,251 | ,007 | -36,31 | -4,89 |
| Simvastatin | -23,000\* | 5,251 | ,002 | -38,71 | -7,29 |
| Simvastatin | Dosis 600 mg/kg BB | 8,200 | 5,251 | ,537 | -7,51 | 23,91 |
| Dosis 400 mg/kg BB | 26,600\* | 5,251 | ,001 | 10,89 | 42,31 |
| Dosis 200 mg/kg BB | 2,400 | 5,251 | ,990 | -13,31 | 18,11 |
| Na CMC | 23,000\* | 5,251 | ,002 | 7,29 | 38,71 |
| induksi | Dosis 600 mg/kg BB | Dosis 400 mg/kg BB | 41,800\* | 12,403 | ,023 | 4,69 | 78,91 |
| Dosis 200 mg/kg BB | 39,600\* | 12,403 | ,033 | 2,49 | 76,71 |
| Na CMC | 46,800\* | 12,403 | ,009 | 9,69 | 83,91 |
| Simvastatin | 10,400 | 12,403 | ,915 | -26,71 | 47,51 |
| Dosis 400 mg/kg BB | Dosis 600 mg/kg BB | -41,800\* | 12,403 | ,023 | -78,91 | -4,69 |
| Dosis 200 mg/kg BB | -2,200 | 12,403 | 1,000 | -39,31 | 34,91 |
| Na CMC | 5,000 | 12,403 | ,994 | -32,11 | 42,11 |
| Simvastatin | -31,400 | 12,403 | ,123 | -68,51 | 5,71 |
| Dosis 200 mg/kg BB | Dosis 600 mg/kg BB | -39,600\* | 12,403 | ,033 | -76,71 | -2,49 |
| Dosis 400 mg/kg BB | 2,200 | 12,403 | 1,000 | -34,91 | 39,31 |
| Na CMC | 7,200 | 12,403 | ,976 | -29,91 | 44,31 |
| Simvastatin | -29,200 | 12,403 | ,169 | -66,31 | 7,91 |
| Na CMC | Dosis 600 mg/kg BB | -46,800\* | 12,403 | ,009 | -83,91 | -9,69 |
| Dosis 400 mg/kg BB | -5,000 | 12,403 | ,994 | -42,11 | 32,11 |
| Dosis 200 mg/kg BB | -7,200 | 12,403 | ,976 | -44,31 | 29,91 |
| Simvastatin | -36,400 | 12,403 | ,056 | -73,51 | ,71 |
| Simvastatin | Dosis 600 mg/kg BB | -10,400 | 12,403 | ,915 | -47,51 | 26,71 |
| Dosis 400 mg/kg BB | 31,400 | 12,403 | ,123 | -5,71 | 68,51 |
| Dosis 200 mg/kg BB | 29,200 | 12,403 | ,169 | -7,91 | 66,31 |
| Na CMC | 36,400 | 12,403 | ,056 | -,71 | 73,51 |
| hari\_ke\_11 | Dosis 600 mg/kg BB | Dosis 400 mg/kg BB | 20,800 | 10,149 | ,280 | -9,57 | 51,17 |
| Dosis 200 mg/kg BB | 8,600 | 10,149 | ,912 | -21,77 | 38,97 |
| Na CMC | 4,800 | 10,149 | ,989 | -25,57 | 35,17 |
| Simvastatin | 67,200\* | 10,149 | ,000 | 36,83 | 97,57 |
| Dosis 400 mg/kg BB | Dosis 600 mg/kg BB | -20,800 | 10,149 | ,280 | -51,17 | 9,57 |
| Dosis 200 mg/kg BB | -12,200 | 10,149 | ,750 | -42,57 | 18,17 |
| Na CMC | -16,000 | 10,149 | ,528 | -46,37 | 14,37 |
| Simvastatin | 46,400\* | 10,149 | ,002 | 16,03 | 76,77 |
| Dosis 200 mg/kg BB | Dosis 600 mg/kg BB | -8,600 | 10,149 | ,912 | -38,97 | 21,77 |
| Dosis 400 mg/kg BB | 12,200 | 10,149 | ,750 | -18,17 | 42,57 |
| Na CMC | -3,800 | 10,149 | ,995 | -34,17 | 26,57 |
| Simvastatin | 58,600\* | 10,149 | ,000 | 28,23 | 88,97 |
| Na CMC | Dosis 600 mg/kg BB | -4,800 | 10,149 | ,989 | -35,17 | 25,57 |
| Dosis 400 mg/kg BB | 16,000 | 10,149 | ,528 | -14,37 | 46,37 |
| Dosis 200 mg/kg BB | 3,800 | 10,149 | ,995 | -26,57 | 34,17 |
| Simvastatin | 62,400\* | 10,149 | ,000 | 32,03 | 92,77 |
| Simvastatin | Dosis 600 mg/kg BB | -67,200\* | 10,149 | ,000 | -97,57 | -36,83 |
| Dosis 400 mg/kg BB | -46,400\* | 10,149 | ,002 | -76,77 | -16,03 |
| Dosis 200 mg/kg BB | -58,600\* | 10,149 | ,000 | -88,97 | -28,23 |
| Na CMC | -62,400\* | 10,149 | ,000 | -92,77 | -32,03 |
| hari\_ke\_21 | Dosis 600 mg/kg BB | Dosis 400 mg/kg BB | ,600 | 8,857 | 1,000 | -25,90 | 27,10 |
| Dosis 200 mg/kg BB | -34,000\* | 8,857 | ,008 | -60,50 | -7,50 |
| Na CMC | -33,600\* | 8,857 | ,009 | -60,10 | -7,10 |
| Simvastatin | 37,200\* | 8,857 | ,004 | 10,70 | 63,70 |
| Dosis 400 mg/kg BB | Dosis 600 mg/kg BB | -,600 | 8,857 | 1,000 | -27,10 | 25,90 |
| Dosis 200 mg/kg BB | -34,600\* | 8,857 | ,007 | -61,10 | -8,10 |
| Na CMC | -34,200\* | 8,857 | ,008 | -60,70 | -7,70 |
| Simvastatin | 36,600\* | 8,857 | ,004 | 10,10 | 63,10 |
| Dosis 200 mg/kg BB | Dosis 600 mg/kg BB | 34,000\* | 8,857 | ,008 | 7,50 | 60,50 |
| Dosis 400 mg/kg BB | 34,600\* | 8,857 | ,007 | 8,10 | 61,10 |
| Na CMC | ,400 | 8,857 | 1,000 | -26,10 | 26,90 |
| Simvastatin | 71,200\* | 8,857 | ,000 | 44,70 | 97,70 |
| Na CMC | Dosis 600 mg/kg BB | 33,600\* | 8,857 | ,009 | 7,10 | 60,10 |
| Dosis 400 mg/kg BB | 34,200\* | 8,857 | ,008 | 7,70 | 60,70 |
| Dosis 200 mg/kg BB | -,400 | 8,857 | 1,000 | -26,90 | 26,10 |
| Simvastatin | 70,800\* | 8,857 | ,000 | 44,30 | 97,30 |
| Simvastatin | Dosis 600 mg/kg BB | -37,200\* | 8,857 | ,004 | -63,70 | -10,70 |
| Dosis 400 mg/kg BB | -36,600\* | 8,857 | ,004 | -63,10 | -10,10 |
| Dosis 200 mg/kg BB | -71,200\* | 8,857 | ,000 | -97,70 | -44,70 |
| Na CMC | -70,800\* | 8,857 | ,000 | -97,30 | -44,30 |
| Lampiran 18. (Lanjutan)  \*. The mean difference is significant at the 0.05 level. | | | | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Normal | | | | |
| Tukey HSDa | | | | |
| kelompok\_perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Dosis 400 mg/kg BB | 5 | 48,20 |  |  |
| Na CMC | 5 | 51,80 | 51,80 |  |
| Dosis 600 mg/kg BB | 5 |  | 66,60 | 66,60 |
| Dosis 200 mg/kg BB | 5 |  |  | 72,40 |
| Simvastatin | 5 |  |  | 74,80 |
| Sig. |  | ,957 | ,071 | ,537 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5,000. | | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Induksi | | | |
| Tukey HSDa | | | |
| kelompok\_perlakuan | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Na CMC | 5 | 150,40 |  |
| Dosis 400 mg/kg BB | 5 | 155,40 |  |
| Dosis 200 mg/kg BB | 5 | 157,60 |  |
| Simvastatin | 5 | 186,80 | 186,80 |
| Dosis 600 mg/kg BB | 5 |  | 197,20 |
| Sig. |  | ,056 | ,915 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5,000. | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Lampiran 18. (Lanjutan)  hari\_ke\_11 | | | |
| Tukey HSDa | | | |
| kelompok\_perlakuan | N | Subset for alpha = 0.05 | |
| 1 | 2 |
| Simvastatin | 5 | 85,00 |  |
| Dosis 400 mg/kg BB | 5 |  | 131,40 |
| Dosis 200 mg/kg BB | 5 |  | 143,60 |
| Na CMC | 5 |  | 147,40 |
| Dosis 600 mg/kg BB | 5 |  | 152,20 |
| Sig. |  | 1,000 | ,280 |
| Means for groups in homogeneous subsets are displayed. | | | |
| a. Uses Harmonic Mean Sample Size = 5,000. | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| hari\_ke\_21 | | | | |
| Tukey HSDa | | | | |
| kelompok\_perlakuan | N | Subset for alpha = 0.05 | | |
| 1 | 2 | 3 |
| Simvastatin | 5 | 73,20 |  |  |
| Dosis 400 mg/kg BB | 5 |  | 109,80 |  |
| Dosis 600 mg/kg BB | 5 |  | 110,40 |  |
| Na CMC | 5 |  |  | 144,00 |
| Dosis 200 mg/kg BB | 5 |  |  | 144,40 |
| Sig. |  | 1,000 | 1,000 | 1,000 |
| Means for groups in homogeneous subsets are displayed. | | | | |
| a. Uses Harmonic Mean Sample Size = 5,000. | | | | |