**Lampiran 12.**  Hasil deskripsi, ANOVA dan Uji Duncan pada Diameter Zona Hambat Uji Aktivitas Antibakteri Ekstrak Biji Kopi Arabika Terhadap Bakteri *Staphylococcus aureus*

**Oneway**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | |
| Metode Perkolasi | | | | | | | | |
|  | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Min | Max |
| Lower Bound | Upper Bound |
| Konsentrasi 500 mg/ml | 3 | 18,3300 | ,88255 | ,50954 | 16,1376 | 20,5224 | 17,33 | 19,00 |
| Konsentrasi 400 mg/ml | 3 | 10,5500 | ,84042 | ,48521 | 8,4623 | 12,6377 | 9,66 | 11,33 |
| Konsentrasi 300 mg/ml | 3 | 9,3300 | 1,00000 | ,57735 | 6,8459 | 11,8141 | 8,33 | 10,33 |
| Konsentrasi 200 mg/ml | 3 | 9,1100 | ,84042 | ,48521 | 7,0223 | 11,1977 | 8,33 | 10,00 |
| Konsentrasi 100 mg/ml | 3 | 8,6633 | ,87877 | ,50736 | 6,4804 | 10,8463 | 8,00 | 9,66 |
| Konsentrasi 50 mg/ml | 3 | 8,3300 | ,88255 | ,50954 | 6,1376 | 10,5224 | 7,66 | 9,33 |
| Konsentrasi 25 mg/ml | 3 | 7,7733 | ,50954 | ,29418 | 6,5076 | 9,0391 | 7,33 | 8,33 |
| Konsentrasi 12,5 mg/ml | 3 | 7,5533 | ,38682 | ,22333 | 6,5924 | 8,5143 | 7,33 | 8,00 |
| Konsentrasi 6,25 mg/ml | 3 | 7,3300 | ,33000 | ,19053 | 6,5102 | 8,1498 | 7,00 | 7,66 |
| Konsentrasi 3,125 mg/ml | 3 | 7,1100 | ,19053 | ,11000 | 6,6367 | 7,5833 | 7,00 | 7,33 |
| Total | 30 | 9,4080 | 3,24770 | ,59295 | 8,1953 | 10,6207 | 7,00 | 19,00 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| Metode Perkolasi | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 295,286 | 9 | 32,810 | 61,939 | ,000 |
| Within Groups | 10,594 | 20 | ,530 |  |  |
| Total | 305,880 | 29 |  |  |  |

**Homogeneous Subsets**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Metode Perkolasi** | | | | | | | |
| Duncana | | | | | | | |
| Diameter Zona Hambat | N | Subset for alpha = 0.05 | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| Konsentrasi 3,125 mg/ml | 3 | 7,1100 |  |  |  |  |  |
| Konsentrasi 6,25 mg/ml | 3 | 7,3300 | 7,3300 |  |  |  |  |
| Konsentrasi 12,5 mg/ml | 3 | 7,5533 | 7,5533 |  |  |  |  |
| Konsentrasi 25 mg/ml | 3 | 7,7733 | 7,7733 | 7,7733 |  |  |  |
| Konsentrasi 50 mg/ml | 3 | 8,3300 | 8,3300 | 8,3300 | 8,3300 |  |  |
| Konsentrasi 100 mg/ml | 3 |  | 8,6633 | 8,6633 | 8,6633 |  |  |
| Konsentrasi 200 mg/ml | 3 |  |  | 9,1100 | 9,1100 |  |  |
| Konsentrasi 300 mg/ml | 3 |  |  |  | 9,3300 | 9,3300 |  |
| Konsentrasi 400 mg/ml | 3 |  |  |  |  | 10,5500 |  |
| Konsentrasi 500 mg/ml | 3 |  |  |  |  |  | 18,3300 |
| Sig. |  | ,078 | ,056 | ,051 | ,137 | ,053 | 1,000 |
| Means for groups in homogeneous subsets are displayed. | | | | | | | |
| a. Uses Harmonic Mean Sample Size = 3,000. | | | | | | | |

**Lampiran 12.**  (Lanjutan)

**Oneway**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptives** | | | | | | | | |
| Metode Sokhletasi | | | | | | | | |
|  | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Min | Max |
| Lower Bound | Upper Bound |
| Konsentrasi 500 mg/ml | 3 | 13,9967 | 1,45335 | ,83909 | 10,3863 | 17,6070 | 12,33 | 15,00 |
| Konsentrasi 400 mg/ml | 3 | 11,1100 | 2,58965 | 1,49514 | 4,6769 | 17,5431 | 9,00 | 14,00 |
| Konsentrasi 300 mg/ml | 3 | 10,3100 | 2,86885 | 1,65633 | 3,1834 | 17,4366 | 8,33 | 13,60 |
| Konsentrasi 200 mg/ml | 3 | 9,1067 | 1,38511 | ,79969 | 5,6659 | 12,5475 | 8,00 | 10,66 |
| Konsentrasi 100 mg/ml | 3 | 8,9967 | 1,44991 | ,83710 | 5,3949 | 12,5984 | 8,00 | 10,66 |
| Konsentrasi 50 mg/ml | 3 | 8,4400 | 1,07014 | ,61785 | 5,7816 | 11,0984 | 7,66 | 9,66 |
| Konsentrasi 25 mg/ml | 3 | 8,1067 | 1,07221 | ,61904 | 5,4432 | 10,7702 | 7,33 | 9,33 |
| Konsentrasi 12,5 mg/ml | 3 | 7,7733 | ,76788 | ,44333 | 5,8658 | 9,6808 | 7,33 | 8,66 |
| Konsentrasi 6,25 mg/ml | 3 | 7,1100 | ,19053 | ,11000 | 6,6367 | 7,5833 | 7,00 | 7,33 |
| Konsentrasi 3,125 mg/ml | 3 | 7,0000 | ,00000 | ,00000 | 7,0000 | 7,0000 | 7,00 | 7,00 |
| Total | 30 | 9,1950 | 2,42717 | ,44314 | 8,2887 | 10,1013 | 7,00 | 15,00 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
| Metode Sokhletasi | | | | | |
|  | Sum of Squares | df | Mean Square | F | Sig. |
| Between Groups | 122,863 | 9 | 13,651 | 5,690 | ,001 |
| Within Groups | 47,981 | 20 | 2,399 |  |  |
| Total | 170,844 | 29 |  |  |  |

**Homogeneous Subsets**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Metode Sokhletasi** | | | | | |
| Duncana | | | | | |
| Diameter Zona Hambat | N | Subset for alpha = 0.05 | | | |
| 1 | 2 | 3 | 4 |
| Konsentrasi 3,125 mg/ml | 3 | 7,0000 |  |  |  |
| Konsentrasi 6,25 mg/ml | 3 | 7,1100 |  |  |  |
| Konsentrasi 12,5 mg/ml | 3 | 7,7733 | 7,7733 |  |  |
| Konsentrasi 25 mg/ml | 3 | 8,1067 | 8,1067 |  |  |
| Konsentrasi 50 mg/ml | 3 | 8,4400 | 8,4400 | 8,4400 |  |
| Konsentrasi 100 mg/ml | 3 | 8,9967 | 8,9967 | 8,9967 |  |
| Konsentrasi 200 mg/ml | 3 | 9,1067 | 9,1067 | 9,1067 |  |
| Konsentrasi 300 mg/ml | 3 |  | 10,3100 | 10,3100 |  |
| Konsentrasi 400 mg/ml | 3 |  |  | 11,1100 |  |
| Konsentrasi 500 mg/ml | 3 |  |  |  | 13,9967 |
| Sig. |  | ,158 | ,089 | ,071 | 1,000 |
| Means for groups in homogeneous subsets are displayed. | | | | | |
| a. Uses Harmonic Mean Sample Size = 3,000. | | | | | |