

LAMPIRAN-LAMPIRAN

Lampiran 1. Hasil ANOVA Uji Total Plate Count Pada Daging Sapi

ONEWAY Total bakteri BY Perlakuan

/STATISTICS DESCRIPTIVES HOMOGENEITY

/MISSING ANALYSIS

/CRITERIA=CILEVEL(0.95)

/POSTHOC=DUNCAN ALPHA(0.05).

Oneway

Notes

| | | |
|----------------|--------------------------------|----------|
| Output Created | 23-JUL-2024 06:34:19 | |
| Comments | | |
| Input | Active Dataset | DataSet0 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 25 |

| | | |
|------------------------|-----------------------|--|
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics for each analysis are based on cases with no missing data for any variable in the analysis. |
| Syntax | | ONEWAY TB BY Perlakuan /STATISTICS DESCRIPTIVES HOMOGENEITY /MISSING ANALYSIS /CRITERIA=CILEVEL(0 .95) /POSTHOC=DUNCAN ALPHA(0.05). |
| Resources | Processor Time | 00:00:00,03 |
| | Elapsed Time | 00:00:00,06 |

Descriptives

10⁵

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | |
|----|---|----------|-------------------|------------|----------------------------------|-------------|
| | | | | | Lower Bound | Upper Bound |
| P0 | 5 | 86.4000 | 112.59574 | 50.35434 | -53.4061 | 226.2061 |
| P1 | 5 | 263.4000 | 141.07728 | 63.09168 | 88.2294 | 438.5706 |

| | | | | | | |
|-------|----|----------|-----------|-----------|----------|----------|
| P2 | 5 | 462.6000 | 348.28839 | 155.75930 | 30.1428 | 895.0572 |
| P3 | 5 | 122.8000 | 55.61654 | 24.87247 | 53.7429 | 191.8571 |
| P4 | 5 | 167.4000 | 129.25672 | 57.80536 | 6.9066 | 327.8934 |
| Total | 25 | 220.5200 | 218.77940 | 43.75588 | 130.2123 | 310.8277 |

Descriptives

10⁵

| | Minimum | Maximum |
|-------|---------|---------|
| P0 | 8.00 | 281.00 |
| P1 | 96.00 | 424.00 |
| P2 | 176.00 | 1068.00 |
| P3 | 62.00 | 182.00 |
| P4 | 39.00 | 373.00 |
| Total | 8.00 | 1068.00 |

Tests of Homogeneity of Variances

| | | Levene Statistic | df1 | df2 | Sig. |
|-----------------|--|---------------------|-----|-------|------|
| 10 ⁵ | Based on Mean | 2.223 | 4 | 20 | .103 |
| | Based on Median | .741 | 4 | 20 | .575 |
| | Based on Median andwith adjusted df | .741 | 4 | 6.147 | .597 |
| | Based on trimmedmean | 1.787 | 4 | 20 | .171 |

ANOVA10⁵

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|-------|------|
| Between Groups | 454002.640 | 4 | 113500.660 | 3.267 | .032 |
| Within Groups | 694743.600 | 20 | 34737.180 | | |
| Total | 1148746.240 | 24 | | | |

Post Hoc Tests**Homogeneous Subsets**10⁵Duncan^a

| Kelompok perlakuan | N | Subset for alpha =0.05 | |
|--------------------|---|------------------------|----------|
| | | 1 | 2 |
| P0 | 5 | 86.4000 | |
| P3 | 5 | 122.8000 | |
| P4 | 5 | 167.4000 | |
| P1 | 5 | 263.4000 | 263.4000 |
| P2 | 5 | | 462.6000 |
| Sig. | | .183 | .107 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 2. Hasil TPC

| No. | Kode | 10^5 |
|-----|--------|--------|
| 1 | P0 (1) | 8,6 |
| 2 | P0 (2) | 281,90 |
| 3 | P0 (3) | 50,65 |
| 4 | P0 (4) | 79,65 |
| 5 | P0 (5) | 13,35 |
| 6 | P1 (1) | 387,6 |
| 7 | P1 (2) | 248 |
| 8 | P1 (3) | 161,55 |
| 9 | P1 (4) | 424,55 |
| 10 | P1 (5) | 96,45 |
| 11 | P2 (1) | 176,7 |
| 12 | P2 (2) | 394,9 |
| 13 | P2 (3) | 351,8 |
| 14 | P2 (4) | 1068,5 |
| 15 | P2 (5) | 322,3 |
| 16 | P3 (1) | 92 |
| 17 | P3 (2) | 61,8 |
| 18 | P3 (3) | 91,3 |
| 19 | P3 (4) | 132,1 |
| 20 | P3 (5) | 182,05 |
| 21 | P4 (1) | 78,75 |
| 22 | P4 (2) | 39,05 |
| 23 | P4 (3) | 175,45 |
| 24 | P4 (4) | 172,15 |
| 25 | P4 (5) | 373 |

Lampiran 3. Identifikasi *Salmonella sp.*

| NO | KODE SAMPEL | SSA | KOLONI |
|-----------|--------------------|------------|---|
| 1 | P0(1) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 2 | P0(2) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 3 | P0(3) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 4 | P0(4) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 5 | P0(5) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 6 | P1(1) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 7 | P1(2) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 8 | P1(3) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 9 | P1(4) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 10 | P1(5) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 11 | P2(1) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 12 | P2(2) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 13 | P2(3) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 14 | P2(4) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 15 | P2(5) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 16 | P3(1) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 17 | P3(2) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 18 | P3(3) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 19 | P3(4) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 20 | P3(5) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 21 | P4(1) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 22 | P4(2) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 23 | P4(3) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 24 | P4(4) | + | Cembung,titik hitam, terdapat koloni terpisah |
| 25 | P4(5) | + | Cembung,titik hitam, terdapat koloni terpisah |

Lampiran4. Hasil Uji Biokimia

| No | Kode Sampel | TSI A | | | | SCA | UREASE | SIM | | | MR | VP | HASIL Salmonella sp. |
|----|-------------|---------|------|------------------|-----|-----|--------|--------|-------|-------|----|----|----------------------|
| | | ALKALID | ACID | H ₂ S | GAS | | | SULFID | INDOL | MOTIL | | | |
| 1 | P0(1) | + | - | + | - | - | + | + | - | + | + | - | - |
| 2 | P0(2) | + | - | + | - | - | + | + | - | + | + | - | - |
| 3 | P0(3) | + | - | + | - | - | + | + | - | + | + | - | - |
| 4 | P0(4) | + | - | + | - | - | + | + | - | + | + | - | - |
| 5 | P0(5) | + | - | + | - | - | + | + | - | + | + | - | - |
| 6 | P1(1) | + | - | + | - | - | + | + | - | + | + | - | - |
| 7 | P1(2) | + | - | + | - | - | + | + | - | + | + | - | - |
| 8 | P1(3) | + | - | + | - | - | + | + | - | + | + | - | - |
| 9 | P1(4) | + | - | + | - | - | + | + | - | + | + | - | - |
| 10 | P1(5) | + | - | + | - | - | + | + | - | + | + | - | - |
| 11 | P2(1) | + | - | + | - | - | + | + | - | + | + | - | - |
| 12 | P2(2) | + | - | + | - | - | + | + | - | + | + | - | - |
| 13 | P2(3) | + | - | + | - | - | + | + | - | + | + | - | - |
| 14 | P2(4) | + | - | + | - | - | + | + | - | + | + | - | - |
| 15 | P2(5) | + | - | + | - | - | + | + | - | + | + | - | - |

| | | | | | | | | | | | | | |
|----|-------|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | P3(1) | + | - | + | - | - | + | + | - | + | + | - | - |
| 17 | P3(2) | + | - | + | - | - | + | + | - | + | + | - | - |
| 18 | P3(3) | + | - | + | - | - | + | + | - | + | + | - | - |
| 19 | P3(4) | + | - | + | - | - | + | + | - | + | + | - | - |
| 20 | P3(5) | + | - | + | - | - | + | + | - | + | + | - | - |
| 21 | P4(1) | + | - | + | - | - | + | + | - | + | + | - | - |
| 22 | P4(2) | + | - | + | - | - | + | + | - | + | + | - | - |
| 23 | P4(3) | + | - | + | - | - | + | + | - | + | + | - | - |
| 24 | P4(4) | + | - | + | - | - | + | + | - | + | + | - | - |

Lampiran 5. Dokumentasi kegiatan

| | |
|---|---|
|  | Sampel kontrol dan sampel perlakuan |
|  | Penyimpanan media dan sampel di inkubator |
|  | Persiapan pengujian TPC |
|  | Koloni yang terdapat pada media NA |

| | |
|--|--|
|  | |
|  | Hasil pengamatan mikroskopis pada pewarnaan gram |
|  | Hasil Uji Biokimia |

Lampiran 6. Surat keterangan penelitian

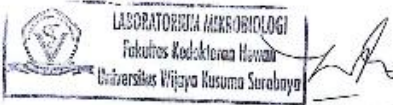
SURAT KETERANGAN TELAH MELAKSANAKAN PENELITIAN

Sehubungan dengan penyelesaian tugas akhir/skripsi, surat Keterangan ini menerangkan bahwa mahasiswa dibawah ini telah melakukan penelitian di laboratorium mikrobiologi

Nama : Adinivic Wanma
NPM : 20820078
Program Studi : Kedokteran Hewan
Judul Penelitian : Efektivitas Bunga Kecombrang sebagai Pengawet Daging Sapi Ditinjau dari Total Bakteri dan Cemaran *Salmonella* sp.

Demikian surat ini diberikan untuk dipergunakan sebagaimana mestinya

Surabaya, 25 Maret 2024
Kepala Laboratorium Mikrobiologi


drh. Dyah Widhowati, M.Kes

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 NPM : 20820078

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**Hasil sebagaimana dimaksud terlampir*

Ketua

Sekretaris

Dr. Yos Adh Prakoso, drh., M.Sc

Munianto Wika Adh Pratama, drh., M.Si.

*Sertifikat ini hanya berlaku di internal FKH UWKS dan digunakan untuk mendaftarkan ujian skripsi

Lampiran 7. Sertifikat plagiasi

SKRIPSI_20820078_ADINIVIC WANMA

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