

ตารางการพิจารณา

**Appendix table 1 : Analysis of variance of finishing weight of veal form various feeding**

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 3671.702  | 1223.9  | 10.351* |
| Error     | 15 | 1773.587  | 118.239 |         |
| total     | 19 | 112620.50 |         |         |

**Appendix table 2 : Analysis of variance of weight of veal form various feeding at 0 – 1 month old**

| SOV       | df | SS       | MS     | F-value             |
|-----------|----|----------|--------|---------------------|
| Treatment | 3  | 45.061   | 15.020 | 0.386 <sup>ns</sup> |
| Error     | 13 | 505.659  | 38.897 |                     |
| total     | 17 | 2108.813 |        |                     |

**Appendix table 3 : Analysis of variance of weight of veal form various feeding at 1 – 2 month old**

| SOV       | df | SS       | MS      | F-value             |
|-----------|----|----------|---------|---------------------|
| Treatment | 3  | 402.895  | 134.298 | 2.502 <sup>ns</sup> |
| Error     | 13 | 697.863  | 53.682  |                     |
| total     | 17 | 3011.938 |         |                     |

**Appendix table 4 : Analysis of variance of weight of veal form various feeding at 2 – 3 month old**

| SOV       | df | SS       | MS      | F-value |
|-----------|----|----------|---------|---------|
| Treatment | 3  | 531.506  | 177.169 | 3.510*  |
| Error     | 14 | 706.744  | 50.482  |         |
| total     | 18 | 3723.375 |         |         |

**Appendix table 5 :** Analysis of variance of weight of veal from various feeding at 3 – 4 month old

| SOV       | df | SS       | MS      | F-value |
|-----------|----|----------|---------|---------|
| Treatment | 3  | 386.676  | 128.892 | 3.644*  |
| Error     | 13 | 459.831  | 35.372  |         |
| total     | 17 | 4348.625 |         |         |

**Appendix table 6 :** Analysis of variance of weight from veal variance feeding at 0 – 4 month old

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 4749.870  | 1583.3  | 8.941*  |
| Error     | 15 | 2656.288  | 177.086 |         |
| total     | 19 | 46242.000 |         |         |

**Appendix table 7 :** Analysis of variance of feed intake of veal form various feeding at 0 – 1 month old

| SOV       | df | SS       | MS      | F-value |
|-----------|----|----------|---------|---------|
| Treatment | 3  | 582.784  | 194.261 | 0.974** |
| Error     | 15 | 2991.518 | 199.435 |         |
| total     | 19 | 4506.282 |         |         |

**Appendix table 8 :** Analysis of variance of feed intake of veal form various feeding at 1 – 2 month old

| SOV       | df | SS      | MS    | F-value |
|-----------|----|---------|-------|---------|
| Treatment | 3  | 5.274   | 1.758 | 0.606** |
| Error     | 15 | 43.530  | 2.902 |         |
| total     | 19 | 538.720 |       |         |

**Appendix table 9 :** Analysis of variance of feed intake of veal form various feeding at 2 – 3 month old

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 19.256  | 6.419 | 2.637 <sup>ns</sup> |
| Error     | 14 | 34.081  | 2.434 |                     |
| total     | 18 | 667.004 |       |                     |

**Appendix table 10 :** Analysis of variance of feed intake of veal form various feeding at 3 – 4 month old

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 24.285  | 8.095 | 2.405 <sup>ns</sup> |
| Error     | 13 | 43.752  | 3.366 |                     |
| total     | 17 | 981.428 |       |                     |

**Appendix table 11 :** Analysis of variance of feed intake of veal form various feeding at 0 – 4 month old

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 5.244   | 1.748 | 1.003 <sup>ns</sup> |
| Error     | 14 | 24.400  | 1.723 |                     |
| total     | 18 | 658.232 |       |                     |

**Appendix table 12 :** Analysis of variance of total feed intake of veal form various feeding at 0 – 1 month old

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 3616.609  | 1205.5  | 1.539 <sup>ns</sup> |
| Error     | 15 | 11753.388 | 783.559 |                     |
| total     | 19 | 287029.45 |         |                     |

**Appendix table 13 :** Analysis of variance of total feed intake of veal form various feeding at 1 – 2 month old

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 4747.981  | 1582.7 | 0.607 <sup>ns</sup> |
| Error     | 15 | 39110.476 | 2607.4 |                     |
| total     | 19 | 484721.28 |        |                     |

**Appendix table 14 :** Analysis of variance of total feed intake of veal form various feeding at 2 – 3 month old

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 17312.487 | 5770.8 | 2.635 <sup>ns</sup> |
| Error     | 14 | 30658.874 | 2189.9 |                     |
| total     | 18 | 600061.68 |        |                     |

**Appendix table 15 :** Analysis of variance of total feed intake of veal form various feeding at 3 – 4 month old

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 21853.018 | 7284.3 | 2.401 <sup>ns</sup> |
| Error     | 13 | 39442.797 | 3034.1 |                     |
| total     | 17 | 883567.90 |        |                     |

**Appendix table 16 :** Analysis of variance of total feed intake of veal form various feeding at 0 – 4 month old

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 68968.414 | 22989 | 0.928 <sup>ns</sup> |
| Error     | 14 | 346943.09 | 24782 |                     |
| total     | 18 | 9413617.7 |       |                     |

**Appendix table 17 : Analysis of variance of feed cost per gain of veal form various feeding at 0 – 1 month old**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 11507.987 | 3836.0 | 2.168 <sup>ns</sup> |
| Error     | 12 | 21235.397 | 1769.6 |                     |
| total     | 16 | 206222.71 |        |                     |

**Appendix table 18 : Analysis of variance of feed cost per gain of veal form various feeding at 1 – 2 month old**

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 95614.830 | 31872 | 0.882 <sup>ns</sup> |
| Error     | 12 | 433511.80 | 36126 |                     |
| total     | 16 | 1100991.2 |       |                     |

**Appendix table 19 : Analysis of variance of feed cost per gain of veal form various feeding at 2 – 3 month old**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 782775.25 | 260925 | 0.781 <sup>ns</sup> |
| Error     | 14 | 4678846.7 | 334203 |                     |
| total     | 18 | 6651384.6 |        |                     |

**Appendix table 20 : Analysis of variance of up weight of veal form various feeding at 3 – 4 month old**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 8727.713  | 2909.2 | 0.837 <sup>ns</sup> |
| Error     | 13 | 45190.610 | 3476.2 |                     |
| total     | 17 | 349112.11 |        |                     |

**Appendix table 21 :** Analysis of variance of feed cost per gain of veal from various feeding at 0 – 4 month old

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 4634.510  | 1544.8 | 0.944 <sup>ns</sup> |
| Error     | 13 | 21266.113 | 1635.9 |                     |
| total     | 17 | 256505.35 |        |                     |

**Appendix table 22 :** Analysis of variance of average daily gain of veal from various feeding at 0 – 1 month old

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 5.747E-02 | 1.9E-02 | 0.452 <sup>ns</sup> |
| Error     | 13 | 0.551     | 4.2E-02 |                     |
| total     | 17 | 2.401     |         |                     |

**Appendix table 23 :** Analysis of variance of average daily gain of veal from various feeding at 1 – 2 month old

| SOV       | df | SS    | MS      | F-value             |
|-----------|----|-------|---------|---------------------|
| Treatment | 3  | 0.324 | 0.108   | 2.149 <sup>ns</sup> |
| Error     | 13 | 0.653 | 5.0E-02 |                     |
| total     | 17 | 2.574 |         |                     |

**Appendix table 24 :** Analysis of variance of average daily gain of veal from various feeding at 2 – 3 month old

| SOV       | Df | SS    | MS    | F-value |
|-----------|----|-------|-------|---------|
| Treatment | 3  | 0.507 | 0.169 | 3.379*  |
| Error     | 14 | 0.700 | 0.05  |         |
| total     | 18 | 3.851 |       |         |

**Appendix table 25 :** Analysis of variance of average daily gain of veal from various feeding at 3 – 4 month old

| SOV       | df | SS    | MS      | F-value |
|-----------|----|-------|---------|---------|
| Treatment | 3  | 0.496 | 0.165   | 4.387*  |
| Error     | 13 | 0.490 | 3.8E-02 |         |
| total     | 17 | 5.020 |         |         |

**Appendix table 26 :** Analysis of variance of average daily gain of veal from various feeding at 0 – 4 month old

| SOV       | df | SS    | MS      | F-value |
|-----------|----|-------|---------|---------|
| Treatment | 3  | 0.357 | 0.119   | 7.453*  |
| Error     | 14 | 0.223 | 1.3E-02 |         |
| total     | 18 | 3.019 |         |         |

**Appendix table 27 :** Analysis of variance of feed conversion ratio of veal from various feeding at 0 – 1 month old

| SOV       | df | SS       | MS     | F-value |
|-----------|----|----------|--------|---------|
| Treatment | 3  | 135.985  | 45.328 | 0.825** |
| Error     | 13 | 714.587  | 54.968 |         |
| total     | 17 | 4813.595 |        |         |

**Appendix table 28 :** Analysis of variance of feed conversion ratio of veal from various feeding at 1 – 2 month old

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 9377.364  | 3125.79 | 1.079** |
| Error     | 13 | 37649.441 | 2896.11 |         |
| Total     | 17 | 76951.000 |         |         |

**Appendix table 29 :** Analysis of variance of feed conversion ratio of veal from various feeding at 2 – 3 month old

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 485.178   | 161.726 | 0.217 <sup>ns</sup> |
| Error     | 14 | 10414.309 | 743.879 |                     |
| total     | 18 | 22203.551 |         |                     |

**Appendix table 30 :** Analysis of variance of feed conversion ratio of veal from various feeding at 3 – 4 month old

| SOV       | df | SS       | MS      | F-value             |
|-----------|----|----------|---------|---------------------|
| Treatment | 3  | 451.148  | 150.382 | 1.783 <sup>ns</sup> |
| Error     | 13 | 1096.159 | 84.320  |                     |
| total     | 17 | 7398.161 |         |                     |

**Appendix table 31 :** Analysis of variance of feed conversion ratio of veal from various feeding at 0 – 4 month old

| SOV       | df | SS       | MS     | F-value |
|-----------|----|----------|--------|---------|
| Treatment | 3  | 98.009   | 32.670 | 8.874*  |
| Error     | 14 | 51.541   | 3.682  |         |
| total     | 18 | 4477.399 |        |         |

**Appendix table 32 :** Analysis of variance of feed efficiency of veal from various feeding at 0 – 1 month old

| SOV       | df | SS       | MS     | F-value             |
|-----------|----|----------|--------|---------------------|
| Treatment | 3  | 25.476   | 8.492  | 0.497 <sup>ns</sup> |
| Error     | 13 | 221.919  | 17.071 |                     |
| total     | 17 | 1275.039 |        |                     |

**Appendix table 33 :** Analysis of variance of feed efficiency of veal from various feeding at 1 – 2 month old

| SOV       | df | SS      | MS     | F-value             |
|-----------|----|---------|--------|---------------------|
| Treatment | 3  | 84.266  | 28.089 | 3.082 <sup>ns</sup> |
| Error     | 13 | 118.488 | 9.114  |                     |
| total     | 17 | 666.960 |        |                     |

**Appendix table 34 :** Analysis of variance of feed efficiency of veal from various feeding at 2 – 3 month old

| SOV       | df | SS      | MS     | F-value             |
|-----------|----|---------|--------|---------------------|
| Treatment | 3  | 31.105  | 10.368 | 1.086 <sup>ns</sup> |
| Error     | 14 | 133.655 | 9.547  |                     |
| total     | 18 | 831.478 |        |                     |

**Appendix table 35 :** Analysis of variance of feed efficiency of veal from various feeding at 3 – 4 month old

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 26.817  | 8.940 | 2.009 <sup>ns</sup> |
| Error     | 13 | 53.849  | 4.450 |                     |
| total     | 17 | 784.064 |       |                     |

**Appendix table 36 :** Analysis of variance of feed efficiency of veal from various feeding at 0 – 4 month old

| SOV       | df | SS      | MS    | F-value |
|-----------|----|---------|-------|---------|
| Treatment | 3  | 29.633  | 9.878 | 8.262*  |
| Error     | 14 | 16.738  | 1.196 |         |
| total     | 18 | 863.125 |       |         |

**Appendix table 37 :** Analysis of variance of live weight from veal various feeding

| SOV       | df | SS         | MS      | F-value |
|-----------|----|------------|---------|---------|
| Treatment | 3  | 3361.144   | 1120.38 | 5.543*  |
| Error     | 15 | 3031.988   | 202.133 |         |
| total     | 19 | 109256.500 |         |         |

**Appendix table 38 :** Analysis of variance of hot carcass from veal various feeding

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 1441.606  | 480.535 | 5.531*  |
| Error     | 15 | 1303.178  | 86.879  |         |
| total     | 19 | 35538.123 |         |         |

**Appendix table 39 :** Analysis of variance of dressing percentage from veal various feeding

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 34.323    | 11.441 | 1.277 <sup>ns</sup> |
| Error     | 15 | 134.371   | 8.958  |                     |
| total     | 19 | 59915.978 |        |                     |

**Appendix table 40 :** Analysis of variance of cool weight from veal various feeding

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 1.333.690 | 444.563 | 5.402*  |
| Error     | 14 | 1152.050  | 82.289  |         |
| total     | 18 | 32400.320 |         |         |

**Appendix table 41 :** Analysis of variance of loss percentage from veal various feeding

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 9.027   | 3.009 | 1.682 <sup>ns</sup> |
| Error     | 13 | 23.263  | 1.789 |                     |
| total     | 17 | 113.556 |       |                     |

**Appendix table 42 : Analysis of variance of long carcass from veal various feeding**

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 329.604   | 109.868 | 9.018*  |
| Error     | 14 | 170.567   | 12.183  |         |
| total     | 18 | 96889.940 |         |         |

**Appendix table 43 : Analysis of variance of loin eye area from veal various feeding**

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 460.00    | 153.333 | 5.791*  |
| Error     | 15 | 397.137   | 26.476  |         |
| total     | 19 | 13346.893 |         |         |

**Appendix table 44 : Analysis of variance of blood percentage from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 2.508   | 0.836 | 1.037 <sup>ns</sup> |
| Error     | 13 | 10.483  | 0.806 |                     |
| total     | 17 | 241.596 |       |                     |

**Appendix table 45 : Analysis of variance of skin from veal various feeding**

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 3.742    | 1.247 | 1.076 <sup>ns</sup> |
| Error     | 15 | 17.394   | 1.160 |                     |
| total     | 19 | 1933.556 |       |                     |

**Appendix table 46 : Analysis of variance of leg from veal various feeding**

| SOV       | df | SS     | MS        | F-value |
|-----------|----|--------|-----------|---------|
| Treatment | 3  | 0.565  | 0.188     | 4.220*  |
| Error     | 15 | 0.670  | 4.466E-02 |         |
| total     | 19 | 74.343 |           |         |

**Appendix table 47 : Analysis of variance of leg from veal various feeding**

| SOV       | df | SS     | MS        | F-value |
|-----------|----|--------|-----------|---------|
| Treatment | 3  | 0.486  | 0.162     | 5.700*  |
| Error     | 15 | 0.426  | 2.843E-02 |         |
| total     | 19 | 79.901 |           |         |

**Appendix table 48 : Analysis of variance of testis from veal various feeding**

| SOV       | df | SS    | MS        | F-value             |
|-----------|----|-------|-----------|---------------------|
| Treatment | 3  | 0.270 | 8.985E-02 | 1.615 <sup>ns</sup> |
| Error     | 15 | 0.834 | 5.562E-02 |                     |
| total     | 19 | 3.341 |           |                     |

**Appendix table 49 : Analysis of variance of heart from veal various feeding**

| SOV       | df | SS     | MS        | F-value             |
|-----------|----|--------|-----------|---------------------|
| Treatment | 3  | 0.228  | 9.592E-02 | 0.961 <sup>ns</sup> |
| Error     | 15 | 1.497  | 9.978E-02 |                     |
| total     | 19 | 13.579 |           |                     |

**Appendix table 50 : Analysis of variance of lung from veal various feeding**

| SOV       | df | SS        | MS        | F-value             |
|-----------|----|-----------|-----------|---------------------|
| Treatment | 3  | 5.299E-02 | 1.766E-02 | 0.124 <sup>ns</sup> |
| Error     | 15 | 2.133     | 0.142     |                     |
| total     | 19 | 131.564   |           |                     |

**Appendix table 51 : Analysis of variance of liver from veal various feeding**

| SOV       | df | SS     | MS        | F-value             |
|-----------|----|--------|-----------|---------------------|
| Treatment | 3  | 0.188  | 6.281E-02 | 1.008 <sup>ns</sup> |
| Error     | 15 | 0.935  | 6.231E-02 |                     |
| total     | 19 | 49.891 |           |                     |

**Appendix table 52 : Analysis of variance of spleem from veal various feeding**

| SOV       | df | SS        | MS        | F-value             |
|-----------|----|-----------|-----------|---------------------|
| Treatment | 3  | 3.483E-02 | 1.161E-02 | 1.128 <sup>ns</sup> |
| Error     | 15 | 0.154     | 1.030E-02 |                     |
| total     | 19 | 2.710     |           |                     |

**Appendix table 53 : Analysis of variance of stomach from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 2.357   | 0.786 | 1.118 <sup>ns</sup> |
| Error     | 15 | 10.539  | 0.703 |                     |
| total     | 19 | 155.596 |       |                     |

**Appendix table 54 : Analysis of variance of tial from veal various feeding**

| SOV       | df | SS        | MS        | F-value             |
|-----------|----|-----------|-----------|---------------------|
| Treatment | 3  | 7.418E-02 | 2.473E-03 | 1.007 <sup>ns</sup> |
| Error     | 15 | 3.684E-02 | 2.456E-03 |                     |
| total     | 19 | 0.870     |           |                     |

**Appendix table 55 : Analysis of variance of toungh from veal various feeding**

| SOV       | df | SS        | MS        | F-value             |
|-----------|----|-----------|-----------|---------------------|
| Treatment | 3  | 2.822E-02 | 9.407E-03 | 0.164 <sup>ns</sup> |
| Error     | 15 | 0.861     | 5.741E-02 |                     |
| total     | 19 | 13.049    |           |                     |

**Appendix table 56 : Analysis of variance of head from veal various feeding**

| SOV       | df | SS      | MS    | F-value |
|-----------|----|---------|-------|---------|
| Treatment | 3  | 5.173   | 1.724 | 5.576*  |
| Error     | 15 | 4.638   | 0.309 |         |
| total     | 19 | 432.063 |       |         |

**Appendix table 57 : Analysis of variance of large intestine from veal various feeding**

| SOV       | df | SS     | MS        | F-value             |
|-----------|----|--------|-----------|---------------------|
| Treatment | 3  | 0.206  | 6.879E-02 | 0.222 <sup>ns</sup> |
| Error     | 15 | 4.637  | 0.309     |                     |
| total     | 19 | 79.807 |           |                     |

**Appendix table 58 : Analysis of variance of small intestine from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 1.300   | 0.433 | 0.849 <sup>ns</sup> |
| Error     | 15 | 7.655   | 0.510 |                     |
| total     | 19 | 255.339 |       |                     |

**Appendix table 59 : Analysis of variance of kidney fat from veal various feeding**

| SOV       | df | SS     | MS    | F-value             |
|-----------|----|--------|-------|---------------------|
| Treatment | 3  | 3.519  | 1.173 | 7.886 <sup>ns</sup> |
| Error     | 14 | 2.083  | 0.149 |                     |
| total     | 18 | 30.878 |       |                     |

**Appendix table 60 : Analysis of variance of poas major from veal various feeding**

| SOV       | df | SS        | 14MS      | F-value             |
|-----------|----|-----------|-----------|---------------------|
| Treatment | 3  | 5.988E-02 | 1.996E-02 | 0.264 <sup>ns</sup> |
| Error     | 14 | 1.060     | 7.572E-02 |                     |
| total     | 18 | 31.384    |           |                     |

**Appendix table 61 : Analysis of variance of quadricep from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 1.733   | 0.578 | 1.010 <sup>ns</sup> |
| Error     | 14 | 8.004   | 0.572 |                     |
| total     | 18 | 856.948 |       |                     |

**Appendix table 62 : Analysis of variance of bicep femoris from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 1.740   | 0.580 | 1.102 <sup>ns</sup> |
| Error     | 14 | 7.372   | 0.572 |                     |
| total     | 18 | 417.997 |       |                     |

**Appendix table 63 : Analysis of variance of semitendinosus from veal various feeding**

| SOV       | df | SS     | MS        | F-value             |
|-----------|----|--------|-----------|---------------------|
| Treatment | 3  | 0.128  | 4.259E-02 | 0.802 <sup>ns</sup> |
| Error     | 14 | 0.743  | 5.308E-02 |                     |
| total     | 18 | 35.955 |           |                     |

**Appendix table 64 : Analysis of variance of lump from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 3.309   | 1.103 | 1.661 <sup>ns</sup> |
| Error     | 14 | 9.297   | 0.664 |                     |
| total     | 18 | 197.438 |       |                     |

**Appendix table 65 : Analysis of variance of semimembranosus from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 0.479   | 0.160 | 0.918 <sup>ns</sup> |
| Error     | 14 | 2.437   | 0.174 |                     |
| total     | 18 | 283.840 |       |                     |

**Appendix table 66 : Analysis of variance of short plate from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 2.559   | 0.853 | 1.581 <sup>ns</sup> |
| Error     | 14 | 7.551   | 0.539 |                     |
| total     | 18 | 987.077 |       |                     |

**Appendix table 67 : Analysis of variance of flank from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 1.696   | 0.565 | 0.984 <sup>ns</sup> |
| Error     | 14 | 8.040   | 0.574 |                     |
| total     | 18 | 223.498 |       |                     |

**Appendix table 68 : Analysis of variance of longissimus dorsi from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 1.869   | 0.623 | 1.772 <sup>ns</sup> |
| Error     | 14 | 4.922   | 0.352 |                     |
| total     | 18 | 233.564 |       |                     |

**Appendix table 69 : Analysis of variance of brisket from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 2.959   | 0.986 | 2.486 <sup>ns</sup> |
| Error     | 14 | 5.555   | 0.397 |                     |
| total     | 18 | 227.617 |       |                     |

**Appendix table 70 : Analysis of variance of neck meat from veal various feeding**

| SOV       | df | SS       | MS    | F-value |
|-----------|----|----------|-------|---------|
| Treatment | 3  | 13.767   | 4.589 | 3.718*  |
| Error     | 14 | 17.281   | 1.234 |         |
| total     | 18 | 1089.508 |       |         |

**Appendix table 71 : Analysis of variance of chuck from veal various feeding**

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 0.430    | 0.143 | 0.149 <sup>ns</sup> |
| Error     | 14 | 13.502   | 0.964 |                     |
| total     | 18 | 1510.525 |       |                     |

**Appendix table 72 : Analysis of variance of breast from veal various feeding**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 3.879   | 1.293 | 1.871 <sup>ns</sup> |
| Error     | 14 | 9.675   | 0.691 |                     |
| total     | 18 | 273.702 |       |                     |

**Appendix table 73 : Analysis of variance of trim meat from veal various feeding**

| SOV       | df | SS       | MS     | F-value             |
|-----------|----|----------|--------|---------------------|
| Treatment | 3  | 54.009   | 18.003 | 0.724 <sup>ns</sup> |
| Error     | 14 | 347.979  | 24.856 |                     |
| total     | 18 | 2636.227 |        |                     |

**Appendix table 74 : Analysis of variance of bond from veal various feeding**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 63.720    | 21.240 | 2.056 <sup>ns</sup> |
| Error     | 14 | 144.638   | 10.331 |                     |
| total     | 18 | 14111.140 |        |                     |

**Appendix table 75 : Analysis of variance of biceps femoris percentage of veal from various feeding**

| SOV       | df | SS       | MS    | F-value |
|-----------|----|----------|-------|---------|
| Treatment | 3  | 28.818   | 9.606 | 3.466*  |
| Error     | 14 | 38.801   | 2.772 |         |
| total     | 18 | 2487.148 |       |         |

**Appendix table 76 : Analysis of variance of shank percentage of veal from various feeding**

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 6.011    | 2.004 | 0.833 <sup>ns</sup> |
| Error     | 14 | 33.693   | 2.407 |                     |
| total     | 18 | 1855.138 |       |                     |

**Appendix table 77 :** Analysis of variance of square chuck percentage of veal from various feeding

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 10.117   | 3.372 | 0.498 <sup>ns</sup> |
| Error     | 14 | 94.761   | 6.769 |                     |
| total     | 18 | 8017.278 |       |                     |

**Appendix table 78 :** Analysis of variance of rack percentage of veal from various feeding

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 4.782   | 1.594 | 1.609 <sup>ns</sup> |
| Error     | 14 | 13.869  | 0.991 |                     |
| total     | 18 | 747.380 |       |                     |

**Appendix table 79 :** Analysis of variance of flank percentage of veal from various feeding

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 3.235   | 1.078 | 2.766 <sup>ns</sup> |
| Error     | 14 | 5.458   | 0.390 |                     |
| total     | 18 | 137.333 |       |                     |

**Appendix table 80 :** Analysis of variance of shot loin percentage of veal from various feeding

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 0.379   | 0.126 | 0.163 <sup>ns</sup> |
| Error     | 14 | 10.838  | 0.774 |                     |
| total     | 18 | 606.113 |       |                     |

**Appendix table 81 : Analysis of variance of long leg percentage of veal from various feeding**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 54.156    | 18.052 | 0.823 <sup>ns</sup> |
| Error     | 14 | 307.075   | 21.934 |                     |
| total     | 18 | 26195.392 |        |                     |

**Appendix table 82 : Analysis of variance of kidney fat percentage of veal from various feeding**

| SOV       | df | SS     | MS    | F-value             |
|-----------|----|--------|-------|---------------------|
| Treatment | 3  | 7.554  | 2.518 | 3.135 <sup>ns</sup> |
| Error     | 14 | 11.244 | 0.803 |                     |
| total     | 18 | 80.366 |       |                     |

**Appendix table 83 : Analysis of variance of protein percentage of veal from various feeding in infraspinatus muscle at 48 h post mortem**

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 13.273   | 4.424 | 3.254 <sup>ns</sup> |
| Error     | 14 | 19.033   | 1.360 |                     |
| total     | 18 | 6230.233 |       |                     |

**Appendix table 84 : Analysis of variance of protein percentage of veal from various feeding in longissimus dorsi muscle at 48 h post mortem**

| SOV       | df | SS       | MS     | F-value |
|-----------|----|----------|--------|---------|
| Treatment | 3  | 36.120   | 12.040 | 4.245*  |
| Error     | 14 | 39.705   | 2.836  |         |
| total     | 18 | 6892.274 |        |         |

**Appendix table 85 :** Analysis of variance of protein percentage of veal from various feeding in semimembranosus muscle at 48 h post mortem

| SOV       | df | SS       | MS     | F-value |
|-----------|----|----------|--------|---------|
| Treatment | 3  | 31.468   | 10.489 | 7.544*  |
| Error     | 14 | 19.466   | 1.390  |         |
| total     | 18 | 6927.843 |        |         |

**Appendix table 86 :** Analysis of variance of protein percentage of veal from various feeding in infraspinatus muscle at 7 d post mortem

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 5.870    | 1.957 | 1.194 <sup>ns</sup> |
| Error     | 14 | 22.936   | 1.638 |                     |
| total     | 18 | 6262.784 |       |                     |

**Appendix table 87 :** Analysis of variance of protein percentage of veal from various feeding in longissimus dorsi muscle at 7 d post mortem

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 21.304   | 7.101 | 2.296 <sup>ns</sup> |
| Error     | 14 | 43.309   | 3.093 |                     |
| total     | 18 | 6786.814 |       |                     |

**Appendix table 88 :** Analysis of variance of protein percentage of veal from various feeding in semimembranosus muscle at 7 d post mortem

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 9.252    | 3.084 | 2.199 <sup>ns</sup> |
| Error     | 14 | 19.632   | 1.402 |                     |
| total     | 18 | 6815.009 |       |                     |

**Appendix table 89 :** Analysis of variance of fat percentage of veal from various feeding in infraspinatus muscle at 48 h post mortem

| SOV       | df | SS    | MS      | F-value |
|-----------|----|-------|---------|---------|
| Treatment | 3  | 0.480 | 0.160   | 4.575*  |
| Error     | 14 | 0.490 | 3.5E-02 |         |
| total     | 18 | 3.027 |         |         |

**Appendix table 90 :** Analysis of variance of fat percentage of veal from various feeding in longissimus dorsi muscle at 48 h post mortem

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 5.073E-02 | 1.7E-02 | 0.568 <sup>ns</sup> |
| Error     | 14 | 0.417     | 3.0E-02 |                     |
| total     | 18 | 1.305     |         |                     |

**Appendix table 91 :** Analysis of variance of fat percentage of veal from various feeding in semimembranosus muscle at 48 h post mortem

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 3.336E-02 | 1.1E-02 | 0.446   |
| Error     | 14 | 0.349     | 2.5E-02 |         |
| total     | 18 | 1.165     |         |         |

**Appendix table 92 :** Analysis of variance of fat percentage of veal from various feeding in infraspinatus muscle at 7 d post mortem

| SOV       | df | SS    | MS      | F-value             |
|-----------|----|-------|---------|---------------------|
| Treatment | 3  | 0.115 | 3.8E-02 | 1.034 <sup>ns</sup> |
| Error     | 14 | 0.519 | 3.7E-02 |                     |
| total     | 18 | 1.701 |         |                     |

**Appendix table 93 :** Analysis of variance of fat percentage of veal from various feeding in longissimus dorsi muscle at 7 d post mortem

| SOV       | df | SS    | MS      | F-value |
|-----------|----|-------|---------|---------|
| Treatment | 3  | 0.244 | 8.1E-02 | 4.343*  |
| Error     | 14 | 0.262 | 1.9E-02 |         |
| total     | 18 | 1.315 |         |         |

**Appendix table 94 :** Analysis of variance of fat percentage of veal from various feeding in semimembranosus muscle at 7 d post mortem

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 2.702E-02 | 9.0E-03 | 0.613 <sup>ns</sup> |
| Error     | 14 | 0.206     | 1.5E-02 |                     |
| total     | 18 | 0.945     |         |                     |

**Appendix table 95 :** Analysis of variance of water percentage of veal from various feeding in infraspinatus muscle at 48 h post mortem

| SOV       | df | SS         | MS    | F-value             |
|-----------|----|------------|-------|---------------------|
| Treatment | 3  | 10.208     | 3.403 | 0.784 <sup>ns</sup> |
| Error     | 14 | 60.739     | 4.339 |                     |
| total     | 18 | 105281.437 |       |                     |

**Appendix table 96 :** Analysis of variance of water percentage of veal from various feeding in longissimus dorsi muscle at 48 h post mortem

| SOV       | df | SS         | MS     | F-value             |
|-----------|----|------------|--------|---------------------|
| Treatment | 3  | 32.397     | 10.799 | 2.843 <sup>ns</sup> |
| Error     | 14 | 53.172     | 3.798  |                     |
| total     | 18 | 103702.745 |        |                     |

**Appendix table 97 :** Analysis of variance of water percentage of veal from various feeding in semimembranosus muscle at 48 h post mortem

| SOV       | df | SS         | MS    | F-value             |
|-----------|----|------------|-------|---------------------|
| Treatment | 3  | 7.607      | 2.536 | 2.004 <sup>ns</sup> |
| Error     | 14 | 17.710     | 1.265 |                     |
| total     | 18 | 100537.168 |       |                     |

**Appendix table 98 :** Analysis of variance of water percentage of veal from various feeding in infraspinatus muscle at 7 d post mortem

| SOV       | df | SS         | MS    | F-value             |
|-----------|----|------------|-------|---------------------|
| Treatment | 3  | 23.870     | 7.957 | 1.054 <sup>ns</sup> |
| Error     | 14 | 105.684    | 7.549 |                     |
| total     | 18 | 105399.686 |       |                     |

**Appendix table 99 :** Analysis of variance of water percentage of veal from various feeding in longissimus dorsi muscle at 7 d post mortem

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 15.333    | 5.111 | 1.021 <sup>ns</sup> |
| Error     | 14 | 70.061    | 5.004 |                     |
| total     | 18 | 99896.046 |       |                     |

**Appendix table 100 :** Analysis of variance of water percentage of veal from various feeding in semimembranosus muscle at 7 d post mortem

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 2.224     | 0.741 | 0.338 <sup>ns</sup> |
| Error     | 14 | 30.688    | 2.192 |                     |
| total     | 18 | 99192.317 |       |                     |

**Appendix table 101 :** Analysis of variance of dry meter percentage of veal from various feeding in infraspinatus muscle at 48 h post mortem

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 10.208    | 3.403 | 0.784 <sup>ns</sup> |
| Error     | 14 | 60.739    | 4.339 |                     |
| total     | 18 | 10051.437 |       |                     |

**Appendix table 102 :** Analysis of variance of dry meter percentage of veal from various feeding in longissimus dorsi muscle at 48 h post mortem

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 32.398    | 10.799 | 2.843 <sup>ns</sup> |
| Error     | 14 | 53.172    | 3.798  |                     |
| total     | 18 | 10564.746 |        |                     |

**Appendix table 103 :** Analysis of variance of dry meter percentage of veal from various feeding in semimembranosus muscle at 48 h post mortem

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 7.607     | 2.536 | 2.004 <sup>ns</sup> |
| Error     | 14 | 17.710    | 1.256 |                     |
| total     | 18 | 11523.168 |       |                     |

**Appendix table 104 :** Analysis of variance of dry meter percentage of veal from various feeding in infraspinatus muscle at 7 d post mortem

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 23.870    | 7.957 | 1.054 <sup>ns</sup> |
| Error     | 14 | 105.684   | 7.549 |                     |
| total     | 18 | 10091.686 |       |                     |

**Appendix table 105 : Analysis of variance of dry meter percentage of veal from various feeding in longissimus dorsi muscle at 7 d post mortem**

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 15.333    | 5.111 | 1.021 <sup>ns</sup> |
| Error     | 14 | 70.061    | 5.004 |                     |
| total     | 18 | 11822.046 |       |                     |

**Appendix table 106 : Analysis of variance of dry meter percentage of veal from various feeding in semimembranosus muscle at 7 d post mortem**

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 2.224     | 0.741 | 0.338 <sup>ns</sup> |
| Error     | 14 | 30.688    | 2.192 |                     |
| total     | 18 | 11994.317 |       |                     |

**Appendix table 107 : Analysis of variance of pH at 45 min. from veal various feeding in longissimus dorsi to left side**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 9.322E-02 | 3.1E-02 | 0.883 <sup>ns</sup> |
| Error     | 14 | 0.493     | 3.5E-02 |                     |
| total     | 18 | 792.208   |         |                     |

**Appendix table 108 : Analysis of variance of pH at 45 min. from veal various feeding in longissimus dorsi to right side**

| SOV       | df | SS      | MS      | F-value             |
|-----------|----|---------|---------|---------------------|
| Treatment | 3  | 0.222   | 7.4E-02 | 1.965 <sup>ns</sup> |
| Error     | 14 | 0.527   | 3.8E-02 |                     |
| total     | 18 | 805.823 |         |                     |

**Appendix table 109 :** Analysis of variance of pH at 45 min. from veal various feeding in semimembranosus to left side

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 4.708E-03 | 1.6E-03 | 0.056 <sup>ns</sup> |
| Error     | 14 | 0.395     | 2.8E-02 |                     |
| total     | 18 | 782.369   |         |                     |

**Appendix table 110 :** Analysis of variance of pH at 45 min. from veal various feeding in semimembranosus to right side

| SOV       | df | SS      | MS      | F-value             |
|-----------|----|---------|---------|---------------------|
| Treatment | 3  | 0.101   | 3.4E-02 | 1.073 <sup>ns</sup> |
| Error     | 14 | 0.440   | 3.1E-02 |                     |
| total     | 18 | 769.514 |         |                     |

**Appendix table 111 :** Analysis of variance of pH at 48 h from veal various feeding in longissimus dorsi to right side

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 1.530E-02 | 5.1E-03 | 1.137 <sup>ns</sup> |
| Error     | 14 | 6.276E-02 | 4.5E-03 |                     |
| total     | 18 | 560.199   |         |                     |

**Appendix table 112 :** Analysis of variance of pH at 48 h from veal various feeding in semimembranosus to right side

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 4.017E-02 | 1.3E-02 | 1.615 <sup>ns</sup> |
| Error     | 14 | 0.116     | 8.3E-03 |                     |
| total     | 18 | 543.996   |         |                     |

**Appendix table 113 :** Analysis of variance of pH at 7 d from veal various feeding in longissimus dorsi to left side

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 3.189E-02 | 1.1E-02 | 1.584 <sup>ns</sup> |
| Error     | 14 | 9.391E-02 | 6.7E-03 |                     |
| total     | 18 | 563.934   |         |                     |

**Appendix table 114 :** Analysis of variance of pH at 7 d from veal various feeding in semimembranosus to left side

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 1.805E-02 | 6.0E-03 | 0.521 <sup>ns</sup> |
| Error     | 14 | 0.162     | 1.2E-02 |                     |
| total     | 18 | 557.514   |         |                     |

**Appendix table 115 :** Analysis of variance of EC at 45 min. from veal various feeding in longissimus dorsi to left side

| SOV       | df | SS         | MS      | F-value             |
|-----------|----|------------|---------|---------------------|
| Treatment | 3  | 724561.250 | 241520  | 3.196 <sup>ns</sup> |
| Error     | 14 | 1058020.75 | 75572.9 |                     |
| total     | 18 | 70134014.0 |         |                     |

**Appendix table 116 :** Analysis of variance of EC at 45 min. from veal various feeding in longissimus dorsi to right side

| SOV       | df | SS         | MS      | F-value |
|-----------|----|------------|---------|---------|
| Treatment | 3  | 1224761.94 | 408254  | 5.713*  |
| Error     | 14 | 1000533.00 | 71466.6 |         |
| total     | 18 | 65637863.0 |         |         |

**Appendix table 117 :** Analysis of variance of EC at 45 min. from veal various feeding in semimembranosus to left side

| SOV       | df | SS         | MS     | F-value |
|-----------|----|------------|--------|---------|
| Treatment | 3  | 1213745.61 | 404582 | 3.681*  |
| Error     | 14 | 1538872.00 | 109919 |         |
| total     | 18 | 74341207.0 |        |         |

**Appendix table 118 :** Analysis of variance of EC at 45 min. from veal various feeding in semimembranosus to right side

| SOV       | df | SS         | MS     | F-value             |
|-----------|----|------------|--------|---------------------|
| Treatment | 3  | 964391.311 | 321464 | 2.237 <sup>ns</sup> |
| Error     | 14 | 2011780.30 | 143699 |                     |
| total     | 18 | 77611861.0 |        |                     |

**Appendix table 119 :** Analysis of variance of EC at 48 h from veal various feeding in longissimus dorsi to right side

| SOV       | df | SS         | MS     | F-value             |
|-----------|----|------------|--------|---------------------|
| Treatment | 3  | 389875.350 | 129958 | 0.711 <sup>ns</sup> |
| Error     | 14 | 2559649.15 | 182832 |                     |
| total     | 18 | 37104637.0 |        |                     |

**Appendix table 120 :** Analysis of variance of EC at 48 h from veal various feeding in semimembranosus to right side

| SOV       | df | SS         | MS     | F-value             |
|-----------|----|------------|--------|---------------------|
| Treatment | 3  | 608421.150 | 202807 | 0.683 <sup>ns</sup> |
| Error     | 14 | 4157911.35 | 296994 |                     |
| total     | 18 | 47797697.0 |        |                     |

**Appendix table 121 :** Analysis of variance of EC at 7 d from veal various feeding in longissimus dorsi to lift side

| SOV       | df | SS         | MS     | F-value             |
|-----------|----|------------|--------|---------------------|
| Treatment | 3  | 1154610.39 | 384870 | 1.318 <sup>ns</sup> |
| Error     | 14 | 4087654.55 | 291975 |                     |
| total     | 18 | 48100633.0 |        |                     |

**Appendix table 122 :** Analysis of variance of EC at 7 d from veal various feeding in semimembranosus to lift side

| SOV       | df | SS         | MS     | F-value             |
|-----------|----|------------|--------|---------------------|
| Treatment | 3  | 1135382.89 | 378461 | 1.128 <sup>ns</sup> |
| Error     | 14 | 4695203.55 | 335372 |                     |
| total     | 18 | 62187392.0 |        |                     |

**Appendix table 123 :** Analysis of variance of colour L\* value (lightness) of infarspinatus of veal from various feeding at 48 h post mortem

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 36.538    | 12.179 | 1.496 <sup>ns</sup> |
| Error     | 14 | 113.960   | 8.140  |                     |
| total     | 18 | 48134.387 |        |                     |

**Appendix table 124 :** Analysis of variance of colour a\* value (redness) of infarspinatus of veal from various feeding at 48 h post mortem

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 13.201   | 4.400 | 1.247 <sup>ns</sup> |
| Error     | 14 | 49.419   | 3.530 |                     |
| total     | 18 | 5385.332 |       |                     |

**Appendix table 125 : Analysis of variance of colour b\* value (yellowness) of infraspinatus of veal from various feeding at 48 h post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 2.882   | 0.961 | 0.780 <sup>ns</sup> |
| Error     | 14 | 17.233  | 1.231 |                     |
| total     | 18 | 504.965 |       |                     |

**Appendix table 126 : Analysis of variance of colour L\* value (lightness) of longissimus dorsi of veal from various feeding at 48 h post mortem**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 29.044    | 9.681  | 0.927 <sup>ns</sup> |
| Error     | 14 | 146.170   | 10.441 |                     |
| total     | 18 | 48852.414 |        |                     |

**Appendix table 127 : Analysis of variance of colour a\* value (redness) of longissimus dorsi of veal from various feeding at 48 h post mortem**

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 7.136    | 2.379 | 1.216 <sup>ns</sup> |
| Error     | 14 | 27.394   | 1.957 |                     |
| total     | 18 | 3091.890 |       |                     |

**Appendix table 128 : Analysis of variance of colour b\* value (yellowness) of longissimus dorsi of veal from various feeding at 48 h post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 3.335   | 1.112 | 0.823 <sup>ns</sup> |
| Error     | 14 | 18.917  | 1.351 |                     |
| total     | 18 | 205.805 |       |                     |

**Appendix table 129 : Analysis of variance of colour L\* value (lightness) of semimembranosus of veal from various feeding at 48 h post mortem**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 68.636    | 22.789 | 1.917 <sup>ns</sup> |
| Error     | 14 | 167.081   | 11.934 |                     |
| total     | 18 | 48161.797 |        |                     |

**Appendix table 130 : Analysis of variance of colour a\* value (redness) of semimembranosus of veal from various feeding at 48 h post mortem**

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 3.808    | 1.269 | 0.331 <sup>ns</sup> |
| Error     | 14 | 53.640   | 3.831 |                     |
| total     | 18 | 3144.834 |       |                     |

**Appendix table 131 : Analysis of variance of colour b\* value (yellowness) semimembranosus of veal from various feeding at 48 h post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 8.535   | 2.845 | 1.009 <sup>ns</sup> |
| Error     | 14 | 39.472  | 2.819 |                     |
| total     | 18 | 267.808 |       |                     |

**Appendix table 132 : Analysis of variance of colour L\* value (lightness) of infarspinatus of veal from various feeding at 7 d post mortem**

| SOV       | df | SS        | MS    | F-value             |
|-----------|----|-----------|-------|---------------------|
| Treatment | 3  | 9.705     | 3.235 | 0.825 <sup>ns</sup> |
| Error     | 14 | 54.869    | 3.919 |                     |
| total     | 18 | 46621.818 |       |                     |

**Appendix table 133 : Analysis of variance of colour a\* value (redness) of infarspinatus of veal from various feeding at 7 d post mortem**

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 13.107   | 4.369 | 1.793 <sup>ns</sup> |
| Error     | 14 | 34.111   | 2.437 |                     |
| total     | 18 | 5934.790 |       |                     |

**Appendix table 134 : Analysis of variance of colour b\* value (yellowness) of infarspinatus of veal from various feeding at 7 d post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 3.068   | 1.023 | 0.552 <sup>ns</sup> |
| Error     | 14 | 25.946  | 1.853 |                     |
| total     | 18 | 587.128 |       |                     |

**Appendix table 135 : Analysis of variance of colour L\* value (lightness) of longissimus dorsi of veal from various feeding at 7 d post mortem**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 40.493    | 13.498 | 1.946 <sup>ns</sup> |
| Error     | 14 | 97.120    | 6.937  |                     |
| total     | 18 | 49816.286 |        |                     |

**Appendix table 136 : Analysis of variance of colour a\* value (redness) of longissimus dorsi of veal from various feeding at 7 d post mortem**

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 14.292   | 4.764 | 1.827 <sup>ns</sup> |
| Error     | 14 | 36.511   | 2.608 |                     |
| total     | 18 | 3752.244 |       |                     |

**Appendix table 137 : Analysis of variance of colour b\* value (yellowness) of longissimus dorsi of veal from various feeding at 7 d post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 1.389   | 0.463 | 0.358 <sup>ns</sup> |
| Error     | 14 | 18.127  | 1.295 |                     |
| total     | 18 | 341.927 |       |                     |

**Appendix table 138 : Analysis of variance of colour L\* value (lightness) of semimembranosus of veal from various feeding at 7 d post mortem**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 54.144    | 18.048 | 2.850 <sup>ns</sup> |
| Error     | 14 | 88.645    | 6.332  |                     |
| total     | 18 | 47908.013 |        |                     |

**Appendix table 139 : Analysis of variance of colour a\* value (redness) of semimembranosus of veal from various feeding at 7 d post mortem**

| SOV       | df | SS       | MS    | F-value             |
|-----------|----|----------|-------|---------------------|
| Treatment | 3  | 5.435    | 1.812 | 1.174 <sup>ns</sup> |
| Error     | 14 | 21.597   | 1.543 |                     |
| total     | 18 | 3734.783 |       |                     |

**Appendix table 140 : Analysis of variance of colour b\* value (yellowness) semimembranosus of veal from various feeding at 7 d post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 0.524   | 0.175 | 0.180 <sup>ns</sup> |
| Error     | 14 | 13.616  | 0.973 |                     |
| total     | 18 | 378.370 |       |                     |

**Appendix table 141 :** Analysis of variance of drip loss of infraspinatus of veal from various feeding at 48 h post mortem

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 6.783   | 2.261 | 1.524 <sup>ns</sup> |
| Error     | 14 | 20.767  | 1.483 |                     |
| total     | 18 | 235.155 |       |                     |

**Appendix table 142 :** Analysis of variance of drip loss of longissimus dorsi of veal from various feeding at 48 h post mortem

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 0.885   | 0.295 | 0.210 <sup>ns</sup> |
| Error     | 14 | 19.680  | 1.406 |                     |
| total     | 18 | 211.927 |       |                     |

**Appendix table 143 :** Analysis of variance of drip loss of semimembranosus of veal from various feeding at 48 h post mortem

| SOV       | df | SS     | MS      | F-value             |
|-----------|----|--------|---------|---------------------|
| Treatment | 3  | 0.220  | 7.3E-02 | 0.090 <sup>ns</sup> |
| Error     | 14 | 11.400 | 0.814   |                     |
| total     | 18 | 97.732 |         |                     |

**Appendix table 144 :** Analysis of variance of drip loss of infraspinatus of veal from various feeding at 7 d post mortem

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 4.521   | 1.507 | 0.287 <sup>ns</sup> |
| Error     | 14 | 73.521  | 5.251 |                     |
| total     | 18 | 176.742 |       |                     |

**Appendix table 145 : Analysis of variance of drip loss of longissimus dorsi of veal from various feeding at 7 d post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 4.972   | 1.657 | 0.523 <sup>ns</sup> |
| Error     | 14 | 44.380  | 3.170 |                     |
| total     | 18 | 262.563 |       |                     |

**Appendix table 146 : Analysis of variance of drip loss of semimembranosus of veal from various feeding at 7 d post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 9.010   | 3.003 | 1.708 <sup>ns</sup> |
| Error     | 14 | 24.611  | 1.758 |                     |
| total     | 18 | 167.992 |       |                     |

**Appendix table 147 : Analysis of variance of thaw loss of infraspinatus of veal from various feeding**

| SOV       | df | SS       | MS     | F-value             |
|-----------|----|----------|--------|---------------------|
| Treatment | 3  | 45.058   | 15.019 | 0.262 <sup>ns</sup> |
| Error     | 14 | 801.559  | 57.254 |                     |
| total     | 18 | 1965.262 |        |                     |

**Appendix table 148 : Analysis of variance of thaw loss of longissimus dorsi of veal from various feeding**

| SOV       | df | SS       | MS     | F-value             |
|-----------|----|----------|--------|---------------------|
| Treatment | 3  | 48.547   | 16.132 | 1.028 <sup>ns</sup> |
| Error     | 15 | 236.043  | 15.736 |                     |
| total     | 19 | 1104.987 |        |                     |

**Appendix table 149 :** Analysis of variance of thaw loss of semimembranosus of veal from various feeding

| SOV       | df | SS      | MS     | F-value             |
|-----------|----|---------|--------|---------------------|
| Treatment | 3  | 13.037  | 4.346  | 0.406 <sup>ns</sup> |
| Error     | 14 | 149.729 | 10.695 |                     |
| total     | 18 | 633.704 |        |                     |

**Appendix table 150 :** Analysis of variance of cooking loss of infraspinatus of veal from various feeding

| SOV       | df | SS       | MS     | F-value             |
|-----------|----|----------|--------|---------------------|
| Treatment | 3  | 91.173   | 30.391 | 0.819 <sup>ns</sup> |
| Error     | 15 | 556.347  | 37.090 |                     |
| total     | 19 | 7284.526 |        |                     |

**Appendix table 151 :** Analysis of variance of cooking loss of longissimus dorsi of veal from various feeding

| SOV       | df | SS       | MS     | F-value             |
|-----------|----|----------|--------|---------------------|
| Treatment | 3  | 90.674   | 30.225 | 1.317 <sup>ns</sup> |
| Error     | 14 | 321.387  | 22.956 |                     |
| total     | 18 | 3885.117 |        |                     |

**Appendix table 152 :** Analysis of variance of cooking loss of semimembranosus of veal from various feeding

| SOV       | df | SS       | MS     | F-value             |
|-----------|----|----------|--------|---------------------|
| Treatment | 3  | 15.006   | 5.002  | 0.442 <sup>ns</sup> |
| Error     | 14 | 158.434  | 11.317 |                     |
| total     | 18 | 6983.274 |        |                     |

**Appendix table 153 : Analysis of variance of instron (force) of infraspinatus of veal from various feeding**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 34.226    | 11.409 | 0.274 <sup>ns</sup> |
| Error     | 14 | 583.284   | 41.663 |                     |
| total     | 18 | 10734.738 |        |                     |

**Appendix table 154 : Analysis of variance of instron (force) of longissimus dorsi of veal from various feeding**

| SOV       | df | SS       | MS     | F-value             |
|-----------|----|----------|--------|---------------------|
| Treatment | 3  | 289.084  | 96.361 | 0.972 <sup>ns</sup> |
| Error     | 14 | 1388.512 | 99.179 |                     |
| total     | 18 | 9606.480 |        |                     |

**Appendix table 155 : Analysis of variance of instron (force) of semimembranosus of veal from various feeding**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 158.210   | 52.737  | 0.437 <sup>ns</sup> |
| Error     | 14 | 1690.481  | 120.749 |                     |
| total     | 18 | 16745.521 |         |                     |

**Appendix table 156 : Analysis of variance of instron (energy) of infraspinatus of veal from various feeding**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 2.613E-02 | 8.7E-03 | 0.607 <sup>ns</sup> |
| Error     | 14 | 0.201     | 1.4E-02 |                     |
| total     | 18 | 0.508     |         |                     |

**Appendix table 157 : Analysis of variance of instron (energy) of longissimus dorsi of veal from various feeding**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 3.564E-03 | 1.2E-03 | 0.711 <sup>ns</sup> |
| Error     | 14 | 2.339E-02 | 1.7E-03 |                     |
| total     | 18 | 0.163     |         |                     |

**Appendix table 158 : Analysis of variance of instron (energy) of semimembranosus of veal from various feeding**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 2.145E-03 | 7.2E-04 | 0.460 <sup>ns</sup> |
| Error     | 14 | 2.176E-02 | 1.6E-03 |                     |
| total     | 18 | 0.332     |         |                     |

**Appendix table 159 : Analysis of variance of hydroxyproline of veal from various feeding in infraspinatus at 48 h post mortem**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 7.904E-02 | 2.6E-04 | 2.354 <sup>ns</sup> |
| Error     | 14 | 1.567E-02 | 1.1E-04 |                     |
| total     | 18 | 2.271E-02 |         |                     |

**Appendix table 160 : Analysis of variance of hydroxyproline of veal from various feeding in longissimus dorsi at 48 h post mortem**

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 7.132E-04 | 2.4E-04 | 4.734*  |
| Error     | 14 | 7.031E-04 | 5.0E-05 |         |
| total     | 18 | 8.814E-03 |         |         |

**Appendix table 161 :** Analysis of variance of hydroxyproline of veal from various feeding in semimembranosus at 48 h post mortem

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 4.725E-04 | 1.6E-04 | 0.378 <sup>ns</sup> |
| Error     | 14 | 5.836E-03 | 4.2E-04 |                     |
| total     | 18 | 3.613E-02 |         |                     |

**Appendix table 162 :** Analysis of variance of hydroxyproline of veal from various feeding in infraspinatus at 7 d post mortem

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 6.912E-04 | 2.3E-04 | 0.934 <sup>ns</sup> |
| Error     | 14 | 3.454E-03 | 2.5E-04 |                     |
| total     | 18 | 2.563E-02 |         |                     |

**Appendix table 163 :** Analysis of variance of hydroxyproline of veal from various feeding in longissimus dorsi at 7 d post mortem

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 8.689E-04 | 2.9E-04 | 2.801 <sup>ns</sup> |
| Error     | 14 | 1.448E-03 | 1.0E-04 |                     |
| total     | 18 | 1.120E-02 |         |                     |

**Appendix table 164 :** Analysis of variance of hydroxyproline of veal from various feeding in semimembranosus at 7 d post mortem

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 8.742E-04 | 2.9E-04 | 0.849 <sup>ns</sup> |
| Error     | 14 | 4.803E-03 | 3.4E-04 |                     |
| total     | 18 | 4.849E-02 |         |                     |

**Appendix table 165 : Analysis of variance of Collagenous connective tissue of veal from various feeding in infraspinatus at 48 h post mortem**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 5.055E-02 | 1.7E-02 | 2.351 <sup>ns</sup> |
| Error     | 14 | 0.100     | 7.2E-02 |                     |
| total     | 18 | 1.453     |         |                     |

**Appendix table 166 : Analysis of variance of Collagenous connective tissue of veal from various feeding in longissimus dorsi at 48 h post mortem**

| SOV       | df | SS        | MS      | F-value |
|-----------|----|-----------|---------|---------|
| Treatment | 3  | 4.577E-02 | 1.5E-02 | 4.785*  |
| Error     | 14 | 4.464E-02 | 3.2E-03 |         |
| total     | 18 | 0.563     |         |         |

**Appendix table 167 : Analysis of variance of Collagenous connective tissue of veal from various feeding in semimembranosus at 48 h post mortem**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 3.021E-02 | 1.0E-02 | 0.377 <sup>ns</sup> |
| Error     | 14 | 0.373     | 2.7E-02 |                     |
| total     | 18 | 2.312     |         |                     |

**Appendix table 168 : Analysis of variance of Collagenous connective tissue of veal from various feeding in infraspinatus at 7 d post mortem**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 4.417E-02 | 1.5E-02 | 0.933 <sup>ns</sup> |
| Error     | 14 | 0.221     | 1.6E-02 |                     |
| total     | 18 | 1.640     |         |                     |

**Appendix table 169 :** Analysis of variance of Collagenous connective tissue of veal from various feeding in longissimus dorsi at 7 d post mortem

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 5.575E-02 | 1.9E-02 | 2.807 <sup>ns</sup> |
| Error     | 14 | 9.270E-02 | 6.6E-02 |                     |
| total     | 18 | 0.717     |         |                     |

**Appendix table 170 :** Analysis of variance of Collagenous connective tissue of veal from various feeding in semimembranosus at 7 d post mortem

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 5.595E-02 | 1.9E-02 | 0.850 <sup>ns</sup> |
| Error     | 14 | 0.307     | 2.2E-02 |                     |
| total     | 18 | 3.105     |         |                     |

**Appendix table 171 :** Analysis of variance of Collagenous connective tissue per crude protein of veal from various feeding in infraspinatus at 48 h post mortem

| SOV       | df | SS     | MS    | F-value             |
|-----------|----|--------|-------|---------------------|
| Treatment | 3  | 2.291  | 0.764 | 3.179 <sup>ns</sup> |
| Error     | 14 | 3.363  | 0.240 |                     |
| total     | 18 | 44.911 |       |                     |

**Appendix table 172 :** Analysis of variance of Collagenous connective tissue per crude protein of veal from various feeding in longissimus dorsi at 48 h post mortem

| SOV       | df | SS     | MS    | F-value |
|-----------|----|--------|-------|---------|
| Treatment | 3  | 1.609  | 0.536 | 4.675*  |
| Error     | 14 | 1.607  | 0.115 |         |
| total     | 18 | 16.583 |       |         |

**Appendix table 173 :** Analysis of variance of Collagenous connective tissue per crude protein of veal from various feeding in simimembranosus at 48 h post mortem

| SOV       | df | SS     | MS    | F-value             |
|-----------|----|--------|-------|---------------------|
| Treatment | 3  | 1.661  | 0.554 | 0.713 <sup>ns</sup> |
| Error     | 14 | 10.878 | 0.777 |                     |
| total     | 18 | 64.600 |       |                     |

**Appendix table 174 :** Analysis of variance of Collagenous connective tissue per crude protein of veal from various feeding in infarspinatus at 7 d post mortem

| SOV       | df | SS     | MS    | F-value             |
|-----------|----|--------|-------|---------------------|
| Treatment | 3  | 1.697  | 0.566 | 1.232 <sup>ns</sup> |
| Error     | 14 | 6.428  | 0.459 |                     |
| total     | 18 | 49.229 |       |                     |

**Appendix table 175 :** Analysis of variance of Collagenous connective tissue per crude protein of veal from various feeding in longissimus dorsi at 7 d post mortem

| SOV       | df | SS     | MS    | F-value |
|-----------|----|--------|-------|---------|
| Treatment | 3  | 1.946  | 0.649 | 3.365*  |
| Error     | 14 | 2.699  | 0.193 |         |
| total     | 18 | 20.705 |       |         |

**Appendix table 176 :** Analysis of variance of Collagenous connective tissue per crude protein of veal from various feeding in semimembranosus at 7 d post mortem

| SOV       | df | SS     | MS    | F-value             |
|-----------|----|--------|-------|---------------------|
| Treatment | 3  | 1.813  | 0.604 | 0.941 <sup>ns</sup> |
| Error     | 14 | 8.988  | 0.642 |                     |
| total     | 18 | 84.744 |       |                     |

**Appendix table 177 : Analysis of variance of total fat percentage of longissimus dorsi from veal various feeding at 48 h post mortem**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 4.242E-02 | 1.4E-02 | 0.731 <sup>ns</sup> |
| Error     | 14 | 0.271     | 1.9E-02 |                     |
| total     | 18 | 6.674     |         |                     |

**Appendix table 178 : Analysis of variance of palmitic of longissimus dorsi from veal various feeding at 48 h post mortem**

| SOV       | df | SS       | MS     | F-value |
|-----------|----|----------|--------|---------|
| Treatment | 3  | 254.977  | 84.992 | 4.106*  |
| Error     | 13 | 269.113  | 20.701 |         |
| total     | 17 | 2547.539 |        |         |

**Appendix table 179 : Analysis of variance of stearic of longissimus dorsi from veal various feeding at 48 h post mortem**

| SOV       | df | SS      | MS     | F-value |
|-----------|----|---------|--------|---------|
| Treatment | 3  | 250.296 | 83.432 | 5.658*  |
| Error     | 13 | 191.686 | 14.745 |         |
| total     | 17 | 996.838 |        |         |

**Appendix table 180 : Analysis of variance of oleic of longissimus dorsi from veal various feeding at 48 h post mortem**

| SOV       | df | SS       | MS      | F-value |
|-----------|----|----------|---------|---------|
| Treatment | 3  | 828.842  | 276.281 | 3.616*  |
| Error     | 13 | 993.241  | 76.403  |         |
| total     | 17 | 6396.345 |         |         |

**Appendix table 181 : Analysis of variance of linoleic from longissimus dorsi of veal various feeding at 48 h post mortem**

| SOV       | df | SS       | MS     | F-value |
|-----------|----|----------|--------|---------|
| Treatment | 3  | 141.528  | 47.176 | 5.930*  |
| Error     | 13 | 103.429  | 7.956  |         |
| total     | 17 | 1071.824 |        |         |

**Appendix table 182 : Analysis of variance of linolenic from longissimus dorsi of veal various feeding at 48 h post mortem**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 5.034E-03 | 1.7E-03 | 4.309 <sup>ns</sup> |
| Error     | 6  | 2.336E-03 | 3.9E-04 |                     |
| total     | 10 | 2.646E-02 |         |                     |

**Appendix table 183 : Analysis of variance of arachidonic from longissimus dorsi of veal various feeding at 48 h post mortem**

| SOV       | df | SS     | MS    | F-value |
|-----------|----|--------|-------|---------|
| Treatment | 3  | 7.076  | 2.359 | 4.422*  |
| Error     | 13 | 6.935  | 0.533 |         |
| total     | 17 | 49.679 |       |         |

**Appendix table 184 : Analysis of variance of total fat percentage of longissimus dorsi from veal various feeding at 7 d post mortem**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 5.144E-02 | 1.7E-02 | 0.896 <sup>ns</sup> |
| Error     | 14 | 0.268     | 1.9E-02 |                     |
| total     | 18 | 8.440     |         |                     |

**Appendix table 185 : Analysis of variance of palmitic of longissimus dorsi from veal various feeding at 7 d post mortem**

| SOV       | df | SS       | MS     | F-value |
|-----------|----|----------|--------|---------|
| Treatment | 3  | 164.440  | 54.813 | 7.310*  |
| Error     | 13 | 97.477   | 7.498  |         |
| total     | 17 | 2456.937 |        |         |

**Appendix table 186 : Analysis of variance of stearic of longissimus dorsi from veal various feeding at 7 d post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 22.540  | 7.513 | 2.695 <sup>ns</sup> |
| Error     | 13 | 36.238  | 2.788 |                     |
| total     | 17 | 524.190 |       |                     |

**Appendix table 187 : Analysis of variance of oleic of longissimus dorsi from veal various feeding at 7 d post mortem**

| SOV       | df | SS       | MS      | F-value |
|-----------|----|----------|---------|---------|
| Treatment | 3  | 487.689  | 162.563 | 7.287*  |
| Error     | 13 | 290.014  | 22.309  |         |
| total     | 17 | 5689.496 |         |         |

**Appendix table 188 : Analysis of variance of linoleic from longissimus dorsi of veal various feeding at 7 d post mortem**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 24.476  | 8.159 | 1.847 <sup>ns</sup> |
| Error     | 13 | 57.412  | 4.416 |                     |
| total     | 17 | 824.796 |       |                     |

**Appendix table 189 : Analysis of variance of linolenic from longissimus dorsi of veal various feeding at 7 d post mortem**

| SOV       | df | SS        | MS      | F-value             |
|-----------|----|-----------|---------|---------------------|
| Treatment | 3  | 2.320E-03 | 7.7E-04 | 1.305 <sup>ns</sup> |
| Error     | 5  | 2.964E-03 | 5.9E-04 |                     |
| total     | 9  | 3.138E-02 |         |                     |

**Appendix table 190 : Analysis of variance of arachidonic from longissimus dorsi of veal various feeding at 7 d post mortem**

| SOV       | df | SS     | MS    | F-value             |
|-----------|----|--------|-------|---------------------|
| Treatment | 3  | 0.653  | 0.218 | 0.917 <sup>ns</sup> |
| Error     | 13 | 3.085  | 0.237 |                     |
| total     | 17 | 34.862 |       |                     |

**Appendix table 191 : Analysis of variance of panel test (tenderness) in semimembranosus muscle from veal calf receiving different feeds**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 2.051   | 0.684 | 1.025 <sup>ns</sup> |
| Error     | 14 | 9.341   | 0.667 |                     |
| total     | 18 | 223.778 |       |                     |

**Appendix table 192 : Analysis of variance of panel test (juiciness) in semimembranosus muscle from veal calf receiving different feeds**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 0.630   | 0.210 | 1.380 <sup>ns</sup> |
| Error     | 14 | 2.130   | 0.152 |                     |
| total     | 18 | 198.450 |       |                     |

**Appendix table 193 : Analysis of variance of panel test (flavour) in semimembranosus muscle from veal calf receiving different feeds**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 2.184   | 0.728 | 2.881 <sup>ns</sup> |
| Error     | 14 | 3.538   | 0.253 |                     |
| total     | 18 | 157.915 |       |                     |

**Appendix table 194 : Analysis of variance of panel test (Overall acceptability) in semimembranosus muscle from veal calf receiving different feeds**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 1.319   | 0.440 | 1.362 <sup>ns</sup> |
| Error     | 14 | 4.518   | 0.323 |                     |
| total     | 18 | 193.887 |       |                     |

**Appendix table 195 : Analysis of variance of panel test (tenderness) in infarspinatus muscle from veal calf receiving different feeds**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 1.128   | 0.376 | 1.016 <sup>ns</sup> |
| Error     | 14 | 5.183   | 0.370 |                     |
| total     | 18 | 196.307 |       |                     |

**Appendix table 196 : Analysis of variance of panel test (juiciness) in infarspinatus muscle from veal calf receiving different feeds**

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 0.577   | 0.192 | 1.393 <sup>ns</sup> |
| Error     | 14 | 1.934   | 0.138 |                     |
| total     | 18 | 188.885 |       |                     |

**Appendix table 197 :** Analysis of variance of panel test (flavour) in infarspinatus muscle from veal calf receiving different feeds

| SOV       | df | SS      | MS      | F-value             |
|-----------|----|---------|---------|---------------------|
| Treatment | 3  | 0.158   | 5.3E-02 | 0.223 <sup>ns</sup> |
| Error     | 14 | 3.317   | 0.237   |                     |
| total     | 18 | 142.976 |         |                     |

**Appendix table 198 :** Analysis of variance of panel test (overall acceptability) in infarspinatus muscle from veal calf receiving different feeds

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 0.442   | 0.147 | 0.497 <sup>ns</sup> |
| Error     | 14 | 4.153   | 0.297 |                     |
| total     | 18 | 176.338 |       |                     |

**Appendix table 199 :** Analysis of variance of panel test (tenderness) in longissimus dorsi muscle from veal calf receiving different feeds

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 2.173   | 0.724 | 1.303 <sup>ns</sup> |
| Error     | 14 | 7.785   | 0.556 |                     |
| total     | 18 | 330.847 |       |                     |

**Appendix table 200 :** Analysis of variance of panel test (juiciness) in longissimus dorsi muscle from veal calf receiving different feeds

| SOV       | df | SS      | MS      | F-value             |
|-----------|----|---------|---------|---------------------|
| Treatment | 3  | 0.700   | 0.233   | 3.282 <sup>ns</sup> |
| Error     | 14 | 0.995   | 7.1E-02 |                     |
| total     | 18 | 261.159 |         |                     |

**Appendix table 201 :** Analysis of variance of panel test (flavour) in longissimus dorsi muscle from veal calf receiving different feeds

| SOV       | df | SS      | MS    | F-value             |
|-----------|----|---------|-------|---------------------|
| Treatment | 3  | 0.943   | 0.314 | 2.659 <sup>ns</sup> |
| Error     | 14 | 1.656   | 0.118 |                     |
| total     | 18 | 250.947 |       |                     |

**Appendix table 202 :** Analysis of variance of panel test (overall acceptability) in longissimus dorsi muscle from veal calf receiving different feeds

| SOV       | df | SS      | MS    | F-value |
|-----------|----|---------|-------|---------|
| Treatment | 3  | 2.063   | 0.688 | 3.433*  |
| Error     | 14 | 2.804   | 0.200 |         |
| total     | 18 | 283.033 |       |         |

**Appendix table 203 :** Analysis of variance of grill loss in semimembranosus muscle from veal calf receiving different feeds

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 16.912    | 5.637  | 0.263 <sup>ns</sup> |
| Error     | 14 | 299.730   | 21.409 |                     |
| total     | 18 | 23908.906 |        |                     |

**Appendix table 204 :** Analysis of variance of grill loss in infarspinatus muscle from veal calf receiving different feeds

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 38.270    | 12.757 | 0.553 <sup>ns</sup> |
| Error     | 14 | 323.177   | 23.084 |                     |
| total     | 18 | 35345.980 |        |                     |

**Appendix table 205 : Analysis of variance of grill loss in longissimus dorsi muscle from veal calf receiving different feeds**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 295.007   | 98.336 | 1.165 <sup>ns</sup> |
| Error     | 14 | 1181.746  | 84.410 |                     |
| total     | 18 | 16600.256 |        |                     |

**Appendix table 206 : Analysis of variance of initial weight of veal from various feeding**

| SOV       | df | SS        | MS     | F-value             |
|-----------|----|-----------|--------|---------------------|
| Treatment | 3  | 166.950   | 55.650 | 1.131 <sup>ns</sup> |
| Error     | 16 | 787.500   | 49.219 |                     |
| total     | 20 | 19498.500 |        |                     |

## ประวัติผู้เขียน

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| ชื่อ             | นายวิษณุ คำพินิจ  |
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