

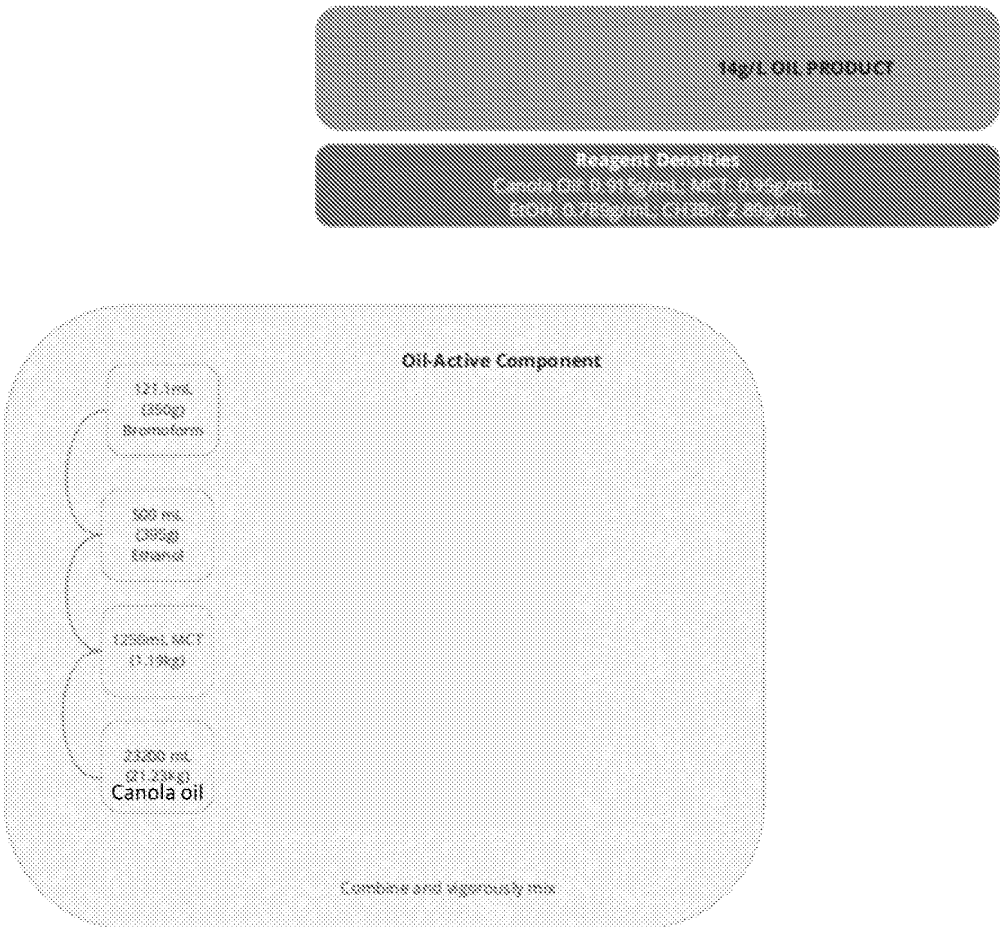


FIG. 1

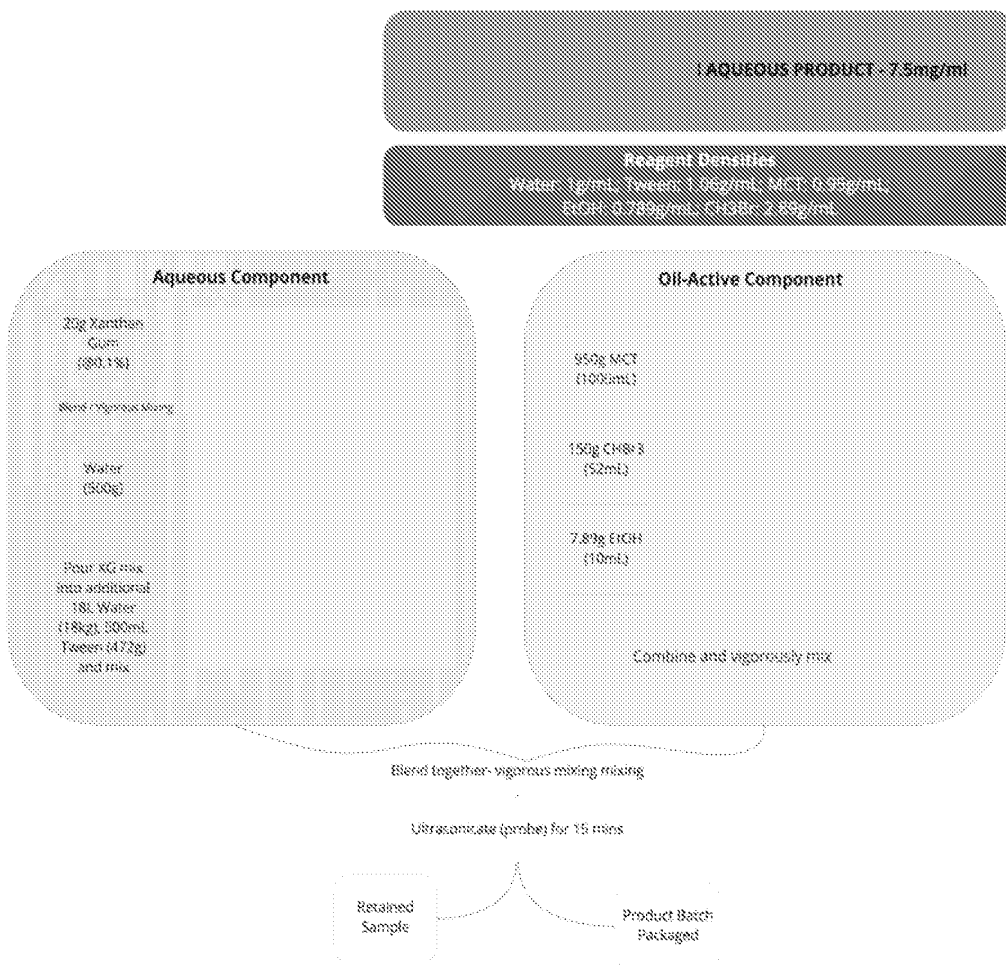


FIG. 2

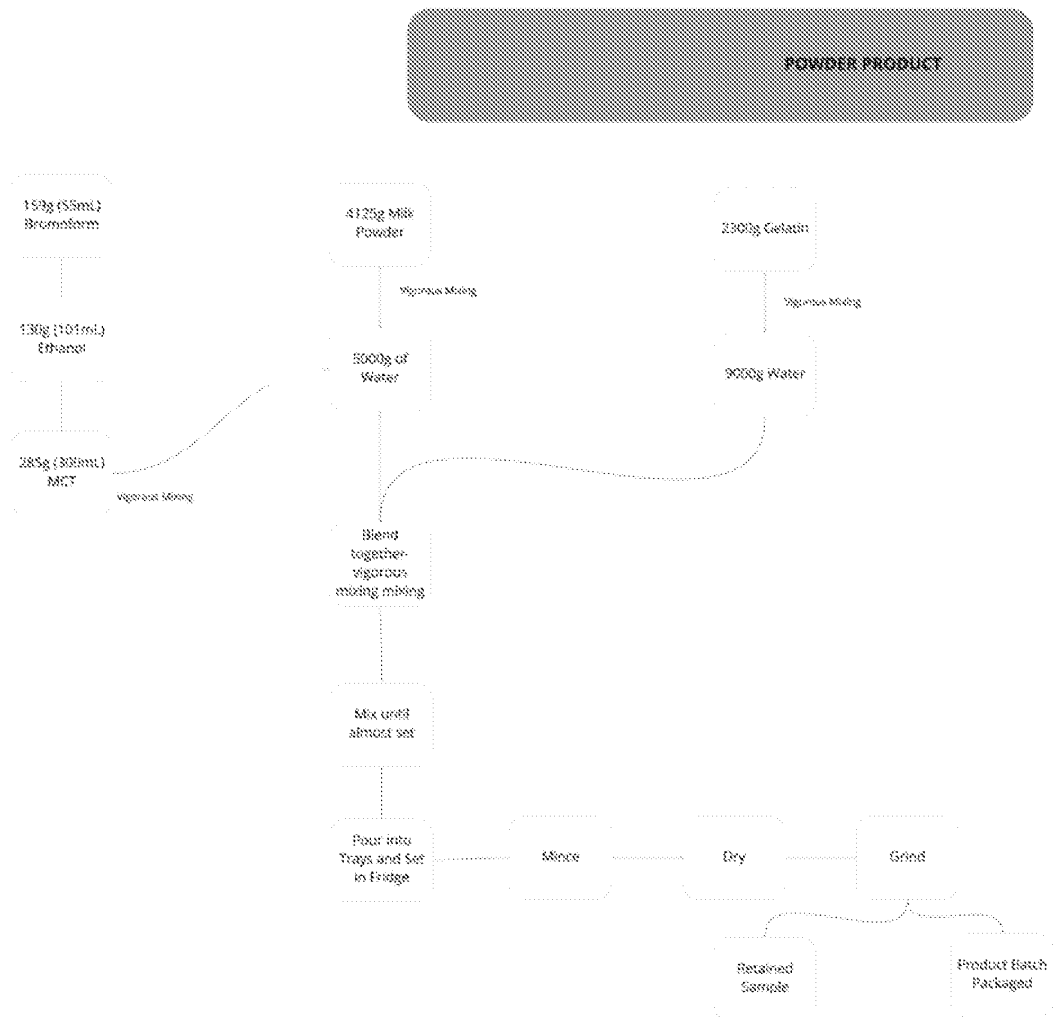


FIG. 3

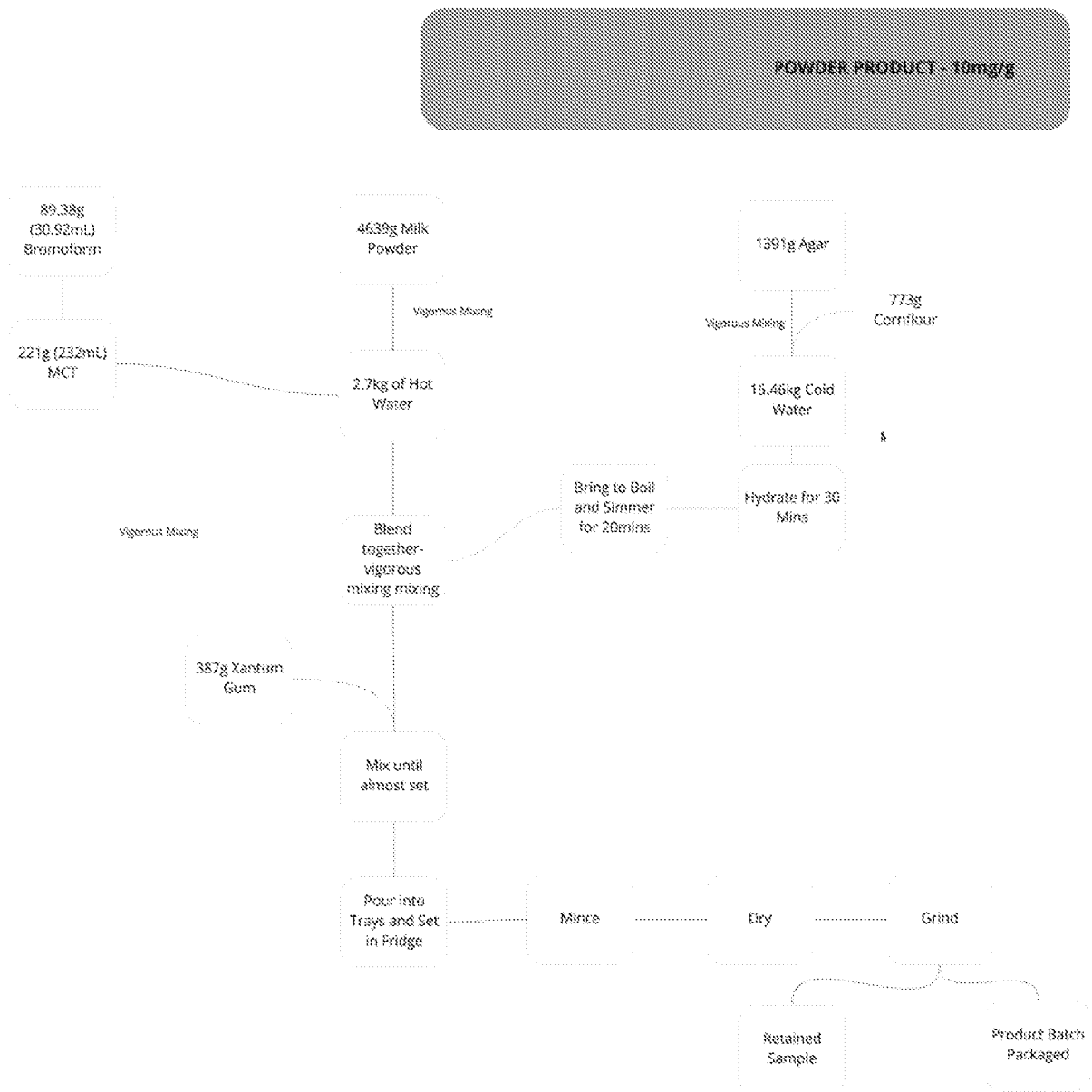


FIG. 4

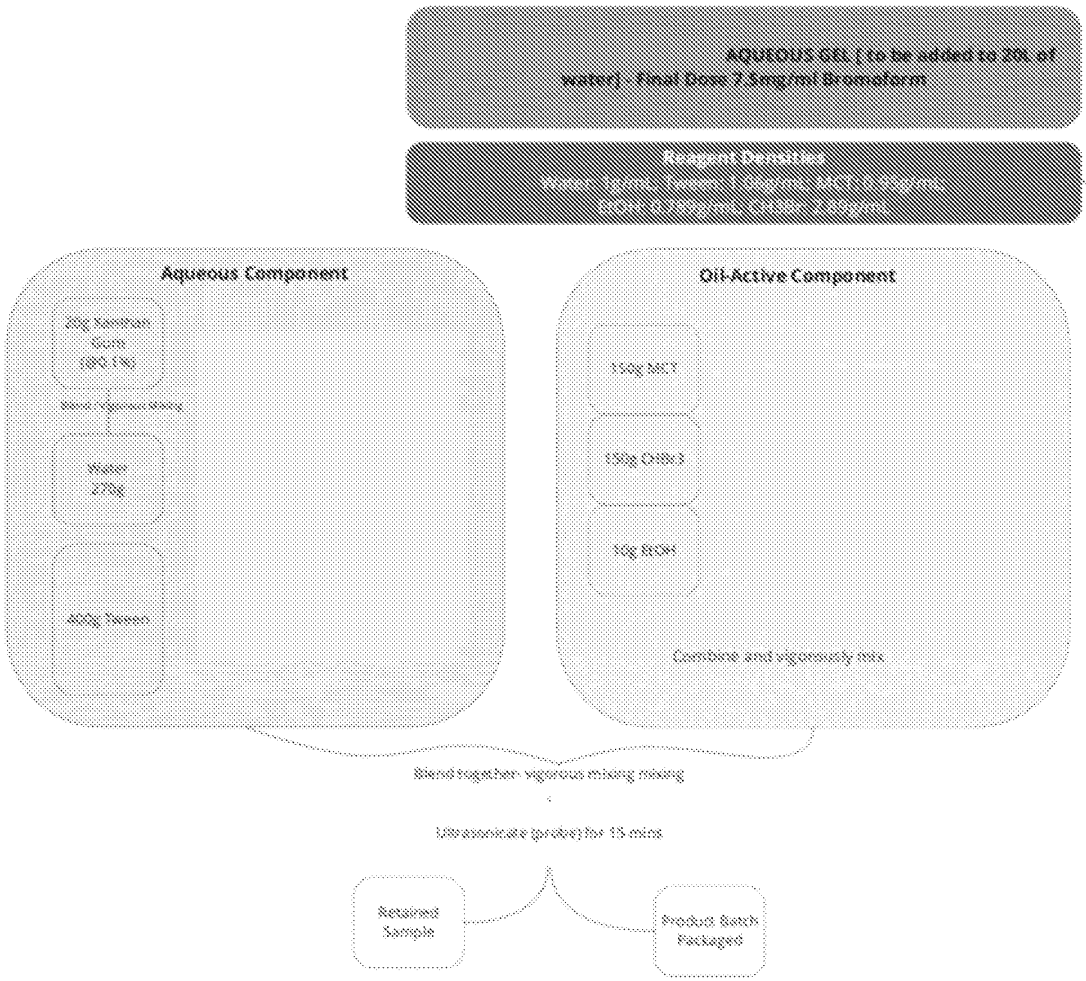
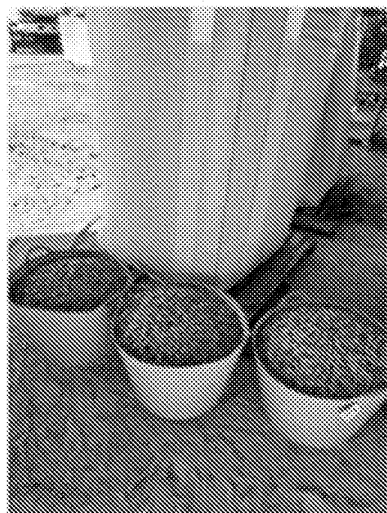


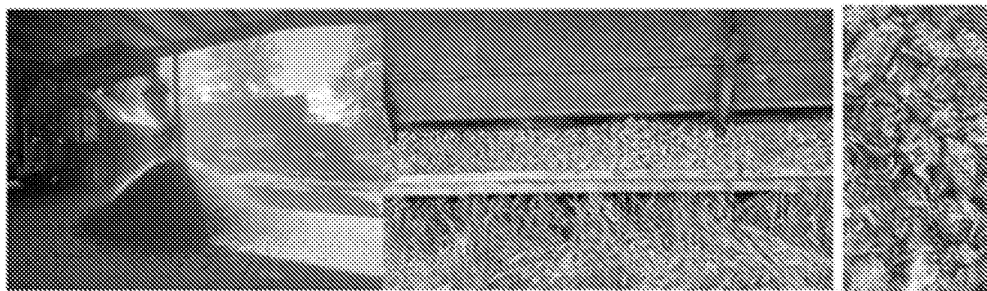
FIG. 5



Oil mixed over total mixed ration



Oil mixed over pellets



Oil pressed in pellets

**FIG. 6**



Solid mixed on supplement pellet



Solid mixed in a mineral mix

**FIG. 7**

| Formulation No. | Dose      | Final bromo (mg per vol) | Final conc. (g/kg DM) | % Bioactive / DM | % CH4 reduction |
|-----------------|-----------|--------------------------|-----------------------|------------------|-----------------|
| 1               | none      | 0                        |                       |                  |                 |
|                 | low       | 0.015                    | 0.03                  | 0.003            | 4               |
|                 | med       | 0.075                    | 0.15                  | 0.015            | 1               |
|                 | high      | 0.15                     | 0.3                   | 0.03             | 1               |
| 2               | none      | 0                        |                       |                  |                 |
|                 | low       | 0.015                    | 0.03                  | 0.003            | 4               |
|                 | med       | 0.075                    | 0.15                  | 0.015            | 97              |
|                 | high      | 0.15                     | 0.3                   | 0.03             | 98              |
| 3               | none      | 0                        |                       |                  |                 |
|                 | low       | 0.015                    | 0.03                  | 0.003            | 3               |
|                 | med       | 0.075                    | 0.15                  | 0.015            | 95              |
|                 | high      | 0.15                     | 0.3                   | 0.03             | 97              |
| 4               | none      | 0                        |                       |                  |                 |
|                 | low       | 0.015                    | 0.03                  | 0.003            | 7               |
|                 | med       | 0.075                    | 0.15                  | 0.015            | 11              |
|                 | high      | 0.15                     | 0.3                   | 0.03             | 14              |
| 7               | none      | 0                        |                       |                  |                 |
|                 | low       | 0.015                    | 0.03                  | 0.003            | 8               |
|                 | med       | 0.075                    | 0.15                  | 0.015            | 19              |
|                 | high      | 0.15                     | 0.3                   | 0.03             | 97              |
| 9               | none      | 0                        | 0.00                  | 0                |                 |
|                 | very low  | 0.02                     | 0.04                  | 0.004            | 26              |
|                 |           | 0.04                     | 0.08                  | 0.008            | 23              |
|                 |           | 0.06                     | 0.12                  | 0.012            | 98              |
|                 |           | 0.08                     | 0.16                  | 0.016            | 98              |
|                 |           | 0.1                      | 0.20                  | 0.02             | 98              |
|                 |           | 0.12                     | 0.24                  | 0.024            | 97              |
|                 |           | 0.14                     | 0.28                  | 0.028            | 98              |
|                 |           | 0.2                      | 0.40                  | 0.04             | 98              |
|                 | very high | 0.3                      | 0.60                  | 0.06             | 98              |
| 10              | 0         | 0                        | 0.00                  | 0                |                 |
|                 | very low  | 0.02                     | 0.04                  | 0.004            | 11              |
|                 |           | 0.04                     | 0.08                  | 0.008            | 76              |
|                 |           | 0.06                     | 0.12                  | 0.012            | 95              |
|                 |           | 0.08                     | 0.16                  | 0.016            | 94              |
|                 |           | 0.1                      | 0.20                  | 0.02             | 98              |
|                 |           | 0.12                     | 0.24                  | 0.024            | 99              |
|                 |           | 0.14                     | 0.28                  | 0.028            | 98              |
|                 |           | 0.2                      | 0.40                  | 0.04             | 98              |
|                 | very high | 0.3                      | 0.60                  | 0.06             | 98              |
| 25              | 0         | 0                        | 0                     | 0                |                 |
|                 | ultra low | 0.04                     | 0.008                 | 0.0008           | 10              |
|                 | low       | 0.2                      | 0.04                  | 0.004            | -7              |
| 26              | 0         | 0                        | 0                     | 0                |                 |
|                 | ultra low | 0.04                     | 0.008                 | 0.0008           | 4               |
|                 | low       | 0.2                      | 0.04                  | 0.004            | 14              |
| 27              | 0         | 0                        | 0.00                  | 0                |                 |
|                 | very low  | 0.02                     | 0.04                  | 0.004            | 94              |
|                 |           | 0.04                     | 0.08                  | 0.008            | 96              |
| 28              | 0         | 0                        | 0.00                  | 0                |                 |
|                 | very low  | 0.02                     | 0.04                  | 0.004            | 40              |
|                 |           | 0.04                     | 0.08                  | 0.008            | 96              |
| 29              | 0         | 0                        | 0.00                  | 0                |                 |
|                 | very low  | 0.02                     | 0.04                  | 0.004            | 7               |
|                 | low       | 0.06                     | 0.12                  | 0.012            | 81              |

FIG. 8

| No. | Dose      | Final bromo<br>(mg) per vial | Final conc.<br>(g/kg DM) | %<br>Bioactive<br>/DM | % CH4<br>reduction |
|-----|-----------|------------------------------|--------------------------|-----------------------|--------------------|
| 27  | 0         | 0                            | 0.00                     | 0                     |                    |
|     | ultra low | 0.002                        | 0.004                    | 0.0004                | -8                 |
|     |           | 0.008                        | 0.016                    | 0.0016                | -7                 |
|     |           | 0.02                         | 0.04                     | 0.004                 | 4                  |
|     | low       | 0.04                         | 0.08                     | 0.008                 | 35                 |
| 28  | 0         | 0                            | 0.00                     | 0                     |                    |
|     | ultra low | 0.002                        | 0.004                    | 0.0004                | -7                 |
|     |           | 0.008                        | 0.016                    | 0.0016                | -6                 |
|     |           | 0.02                         | 0.04                     | 0.004                 | -2                 |
|     | low       | 0.04                         | 0.08                     | 0.008                 | 17                 |

FIG. 9

| Formulation No. | Dose      | Final bromo (mg) per vial | Final conc (g/kg DM) | % Bioactive /DM | % CH <sub>4</sub> reduction |
|-----------------|-----------|---------------------------|----------------------|-----------------|-----------------------------|
| 5               | none      | 0                         |                      |                 |                             |
|                 | low       | 0.015                     | 0.03                 | 0.003           | 9                           |
|                 | med       | 0.075                     | 0.15                 | 0.015           | 95                          |
|                 | high      | 0.15                      | 0.3                  | 0.03            | 93                          |
| 11              | none      | 0                         | 0.00                 | 0               |                             |
|                 | very low  | 0.02                      | 0.04                 | 0.004           | 14                          |
|                 |           | 0.04                      | 0.08                 | 0.008           | 95                          |
|                 |           | 0.06                      | 0.12                 | 0.012           | 96                          |
|                 |           | 0.08                      | 0.16                 | 0.016           | 97                          |
|                 |           | 0.1                       | 0.20                 | 0.02            | 96                          |
|                 |           | 0.12                      | 0.24                 | 0.024           | 96                          |
|                 |           | 0.14                      | 0.28                 | 0.028           | 96                          |
|                 |           | 0.2                       | 0.40                 | 0.04            | 97                          |
|                 | very high | 0.3                       | 0.60                 | 0.06            | 97                          |
| 21              |           | 0                         | 0                    | 0               |                             |
|                 | ultra low | 0.004                     | 0.008                | 0.0008          | -4                          |
|                 | low       | 0.02                      | 0.04                 | 0.004           | 93                          |
| 22              |           | 0                         | 0                    | 0               |                             |
|                 | ultra low | 0.04                      | 0.008                | 0.0008          | 1                           |
|                 | low       | 0.2                       | 0.04                 | 0.004           | 92                          |
| 23              |           | 0                         | 0                    | 0               |                             |
|                 | ultra low | 0.04                      | 0.008                | 0.0008          | 5                           |
|                 | low       | 0.2                       | 0.04                 | 0.004           | 88                          |
| 24              |           | 0                         | 0                    | 0               |                             |
|                 | ultra low | 0.04                      | 0.008                | 0.0008          | -24                         |
|                 | low       | 0.2                       | 0.04                 | 0.004           | -7                          |
| 31              |           | 0                         | 0                    | 0               |                             |
|                 | very low  | 0.02                      | 0.04                 | 0.004           | 89                          |
|                 |           | 0.04                      | 0.08                 | 0.008           | 23                          |
| 32              |           | 0                         | 0                    | 0               |                             |
|                 | very low  | 0.02                      | 0.04                 | 0.004           | 98                          |
|                 |           | 0.04                      | 0.08                 | 0.008           | 97                          |
| 33              |           | 0                         | 0                    | 0               |                             |
|                 | very low  | 0.02                      | 0.04                 | 0.004           | 90                          |
|                 |           | 0.04                      | 0.08                 | 0.008           | 97                          |
| 33              |           | 0                         | 0                    | 0               |                             |
|                 | low       | 0.06                      | 0.12                 | 0.012           | 98                          |

FIG. 10

| No. | Dose      | Final<br>bromo<br>(mg) per<br>vial | Final<br>conc<br>(g/kg<br>DMI) | %<br>Bioactive<br>/DMI | % CH <sub>4</sub><br>reduction |
|-----|-----------|------------------------------------|--------------------------------|------------------------|--------------------------------|
| 31  | none      | 0                                  |                                |                        |                                |
|     | ultra low | 0.002                              | 0.004                          | 0.0004                 | -5                             |
|     |           | 0.004                              | 0.008                          | 0.0008                 | -6                             |
|     |           | 0.006                              | 0.012                          | 0.0012                 | 0                              |
|     |           | 0.008                              | 0.016                          | 0.0016                 | 1                              |
|     |           | 0.01                               | 0.02                           | 0.002                  | 4                              |
|     | very low  | 0.02                               | 0.04                           | 0.004                  | 87                             |
|     |           | 0.04                               | 0.08                           | 0.008                  | 95                             |
|     |           | 0.06                               | 0.12                           | 0.012                  | 97                             |
|     | medium    | 0.08                               | 0.16                           | 0.016                  | 97                             |
| 32  | none      | 0                                  |                                |                        |                                |
|     | ultra low | 0.002                              | 0.004                          | 0.0004                 | -7                             |
|     |           | 0.004                              | 0.008                          | 0.0008                 | -5                             |
|     |           | 0.006                              | 0.012                          | 0.0012                 | 1                              |
|     |           | 0.008                              | 0.016                          | 0.0016                 | 4                              |
|     |           | 0.01                               | 0.02                           | 0.002                  | 7                              |
|     | very low  | 0.02                               | 0.04                           | 0.004                  | 90                             |
|     |           | 0.04                               | 0.08                           | 0.008                  | 95                             |
|     |           | 0.06                               | 0.12                           | 0.012                  | 97                             |
|     | medium    | 0.08                               | 0.16                           | 0.016                  | 97                             |

FIG. 11

| Formulation No. | Dose         | Final bromo (mg) per vial | Final conc (g/kg DM) | % Bioactive /DM | % CH4 reduction |
|-----------------|--------------|---------------------------|----------------------|-----------------|-----------------|
| 12              | none         | 0                         | 0                    | 0               | 0               |
|                 | high         | 0.15                      | 0.3                  | 0.03            | 98              |
|                 | med          | 0.075                     | 0.15                 | 0.015           | 98              |
|                 | low          | 0.015                     | 0.03                 | 0.003           | 6               |
|                 | high- pellet | 0.15                      | 0.3                  | 0.03            | 98              |
| 13              | none         | 0                         | 0                    | 0               | 0               |
|                 | high         | 0.15                      | 0.3                  | 0.03            | 98              |
|                 | med          | 0.075                     | 0.15                 | 0.015           | 15              |
|                 | low          | 0.015                     | 0.03                 | 0.003           | 0               |
|                 | high- pellet | 0.15                      | 0.3                  | 0.03            | 98              |
| 14              | none         | 0                         | 0                    | 0               | 0               |
|                 | high         | 0.15                      | 0.3                  | 0.03            | 97              |
|                 | med          | 0.075                     | 0.15                 | 0.015           | 97              |
|                 | low          | 0.015                     | 0.03                 | 0.003           | 5               |
|                 | high- pellet | 0.15                      | 0.3                  | 0.03            | 98              |
| 15              | none         | 0                         | 0                    | 0               | 0               |
|                 | high         | 0.15                      | 0.3                  | 0.03            | 98              |
|                 | med          | 0.075                     | 0.15                 | 0.015           | 98              |
|                 | low          | 0.015                     | 0.03                 | 0.003           | 1               |
|                 | high- pellet | 0.15                      | 0.3                  | 0.03            | 98              |
| 17              | none         | 0                         | 0.00                 | 0               |                 |
|                 | very low     | 0.02                      | 0.04                 | 0.004           | 97              |
|                 |              | 0.04                      | 0.08                 | 0.008           | 98              |
|                 |              | 0.06                      | 0.12                 | 0.012           | 98              |
|                 |              | 0.08                      | 0.16                 | 0.016           | 98              |
|                 |              | 0.1                       | 0.20                 | 0.02            | 98              |
|                 |              | 0.12                      | 0.24                 | 0.024           | 98              |
|                 |              | 0.14                      | 0.28                 | 0.028           | 98              |
|                 |              | 0.2                       | 0.40                 | 0.04            | 98              |
|                 | very high    | 0.3                       | 0.60                 | 0.06            | 98              |
| 18              | 0            | 0                         | 0.00                 | 0               |                 |
|                 | very low     | 0.02                      | 0.04                 | 0.004           | 4               |
|                 |              | 0.04                      | 0.08                 | 0.008           | -9              |
|                 |              | 0.06                      | 0.12                 | 0.012           | 8               |
|                 |              | 0.08                      | 0.16                 | 0.016           | 2               |
|                 |              | 0.1                       | 0.20                 | 0.02            | -3              |
|                 |              | 0.12                      | 0.24                 | 0.024           | 0               |
|                 |              | 0.14                      | 0.28                 | 0.028           | -3              |
|                 |              | 0.2                       | 0.40                 | 0.04            | 6               |
|                 | very high    | 0.3                       | 0.60                 | 0.06            | 20              |
| 19              | 0            | 0                         | 0.00                 | 0               |                 |
|                 | very low     | 0.02                      | 0.04                 | 0.004           | 19              |
|                 |              | 0.04                      | 0.08                 | 0.008           | 13              |
|                 |              | 0.06                      | 0.12                 | 0.012           | 97              |
|                 |              | 0.08                      | 0.16                 | 0.016           | 99              |
|                 |              | 0.1                       | 0.20                 | 0.02            | 97              |
|                 |              | 0.12                      | 0.24                 | 0.024           | 98              |
|                 |              | 0.14                      | 0.28                 | 0.028           | 98              |
|                 |              | 0.2                       | 0.40                 | 0.04            | 98              |
|                 | very high    | 0.3                       | 0.60                 | 0.06            | 98              |

FIG. 12

| No.           | Dose/frequency                     | Final bromo<br>(mg) per vial | Final conc<br>(g/kg DMI) | %<br>Bioactive<br>/DMI | % CH <sub>4</sub><br>reduction |
|---------------|------------------------------------|------------------------------|--------------------------|------------------------|--------------------------------|
| After 2 days  |                                    |                              |                          |                        |                                |
| 20            | low - add once                     | 0.45                         | 0.03                     | 0.003                  | 100                            |
| After 7 days  |                                    |                              |                          |                        |                                |
| Control       | none                               | 0                            |                          |                        | 0                              |
| 10            | low - daily                        | 0.9                          | 0.03                     | 0.003                  | 100                            |
|               | low - 48 hrs                       | 0.9                          | 0.03                     | 0.003                  | 75                             |
| 20            | low - add once                     | 0.15                         | 0.01                     | 0.001                  | 100                            |
| 29- slow      | low - daily                        | 0.45                         | 0.03                     | 0.003                  | 9                              |
| 27- slow      | ultra low- 7 days<br>(double dose) | 0.15                         | 0.01                     | 0.001                  | 16                             |
| 27-<br>powder | very low- 7 days<br>(double dose)  | 0.3                          | 0.02                     | 0.002                  | 36                             |
| After 14 days |                                    |                              |                          |                        |                                |
| Control       | none                               | 0                            |                          |                        | 0                              |
| 10            | low - daily                        | 0.45                         | 0.03                     | 0.003                  | 100                            |
|               | low - 48 hrs                       | 0.45                         | 0.03                     | 0.003                  | 78                             |
| 20            | low - add once                     | 0.15                         | 0.01                     | 0.001                  | 94                             |
| 29- slow      | low                                | 0.9                          | 0.06                     | 0.006                  | 10                             |
| 27- slow      | ultra low- 7 days<br>(double dose) | 0.3                          | 0.02                     | 0.002                  | 14                             |
| 27-<br>powder | very low- 7 days<br>(double dose)  | 0.6                          | 0.04                     | 0.004                  | 99                             |

FIG. 13

| No.                         | Dose (daily) | Final bromo (mg) per vial | Final conc (g/kg DMI) | % Bioactive /DMI | % CH4 reduction |
|-----------------------------|--------------|---------------------------|-----------------------|------------------|-----------------|
| After 7 days                |              |                           |                       |                  |                 |
| Control<br><br>11<br><br>31 | none         | 0                         |                       |                  | 0               |
|                             | very low     | 0.6                       | 0.04                  | 0.004            | 100             |
|                             | low          | 1.2                       | 0.08                  | 0.008            | 100             |
|                             | medium       | 1.8                       | 0.12                  | 0.012            | 100             |
|                             | very low     | 0.6                       | 0.04                  | 0.004            | 98              |
| After 14 days               |              |                           |                       |                  |                 |
| Control<br><br>11<br><br>31 | none         | 0                         |                       |                  | 0               |
|                             | very low     | 0.6                       | 0.04                  | 0.004            | 100             |
|                             | low          | 1.2                       | 0.08                  | 0.008            | 100             |
|                             | medium       | 1.8                       | 0.12                  | 0.012            | 100             |
|                             | very low     | 0.6                       | 0.04                  | 0.004            | 98              |

FIG. 14

| No.           | Dose      | Final bromo<br>(mg) per vial | Final conc<br>(g/kg DMI) | %<br>Bioactive<br>/DMI | % CH4<br>reduction |
|---------------|-----------|------------------------------|--------------------------|------------------------|--------------------|
| After 2 days  |           |                              |                          |                        |                    |
| 19            | very low  | 0.3                          | 0.02                     | 0.002                  | 100                |
|               | low       | 0.9                          | 0.06                     | 0.006                  | 100                |
|               | medium    | 1.8                          | 0.12                     | 0.012                  | 100                |
| After 7 days  |           |                              |                          |                        |                    |
| 19            | ultra low | 0.03                         | 0.002                    | 0.0002                 | 100                |
|               | very low  | 0.16                         | 0.011                    | 0.0011                 | 100                |
|               | low       | 0.3                          | 0.02                     | 0.002                  | 99                 |
| After 14 days |           |                              |                          |                        |                    |
| 19            | ultra low | 0.03                         | 0.002                    | 0.0002                 | 99                 |
|               | very low  | 0.16                         | 0.011                    | 0.0011                 | 99                 |
|               | low       | 0.3                          | 0.02                     | 0.002                  | 100                |

FIG. 15

| Formulation No. | Dose      | Final bromo (mg) per vial | Final conc (g/kg DM) | % Bioactive /DM | % CH4 reduction |
|-----------------|-----------|---------------------------|----------------------|-----------------|-----------------|
| 9-cow           | 0         | 0                         | 0.00                 | 0               |                 |
|                 | very low  | 0.02                      | 0.04                 | 0.004           | 98              |
|                 |           | 0.04                      | 0.08                 | 0.008           | 99              |
|                 |           | 0.06                      | 0.12                 | 0.012           | 99              |
|                 |           | 0.08                      | 0.16                 | 0.016           | 99              |
|                 |           | 0.1                       | 0.20                 | 0.02            | 99              |
|                 |           | 0.12                      | 0.24                 | 0.024           | 99              |
|                 |           | 0.14                      | 0.28                 | 0.028           | 99              |
|                 |           | 0.2                       | 0.40                 | 0.04            | 92              |
|                 | very high | 0.3                       | 0.60                 | 0.06            | 99              |
| 9- sheep        | none      | 0                         | 0.00                 | 0               |                 |
|                 | very low  | 0.02                      | 0.04                 | 0.004           | 26              |
|                 |           | 0.04                      | 0.08                 | 0.008           | 23              |
|                 |           | 0.06                      | 0.12                 | 0.012           | 98              |
|                 |           | 0.08                      | 0.16                 | 0.016           | 98              |
|                 |           | 0.1                       | 0.20                 | 0.02            | 98              |
|                 |           | 0.12                      | 0.24                 | 0.024           | 97              |
|                 |           | 0.14                      | 0.28                 | 0.028           | 98              |
|                 |           | 0.2                       | 0.40                 | 0.04            | 98              |
|                 | very high | 0.3                       | 0.60                 | 0.06            | 98              |
| 10-cow          | 0         | 0                         | 0.00                 | 0               |                 |
|                 | very low  | 0.02                      | 0.04                 | 0.004           | 99              |
|                 |           | 0.04                      | 0.08                 | 0.008           | 94              |
|                 |           | 0.06                      | 0.12                 | 0.012           | 99              |
|                 |           | 0.08                      | 0.16                 | 0.016           | 99              |
|                 |           | 0.1                       | 0.20                 | 0.02            | 99              |
|                 |           | 0.12                      | 0.24                 | 0.024           | 99              |
|                 |           | 0.14                      | 0.28                 | 0.028           | 99              |
|                 |           | 0.2                       | 0.40                 | 0.04            | 99              |
|                 | very high | 0.3                       | 0.60                 | 0.06            | 99              |
| 10- sheep       | 0         | 0                         | 0.00                 | 0               |                 |
|                 | very low  | 0.02                      | 0.04                 | 0.004           | 11              |
|                 |           | 0.04                      | 0.08                 | 0.008           | 76              |
|                 |           | 0.06                      | 0.12                 | 0.012           | 95              |
|                 |           | 0.08                      | 0.16                 | 0.016           | 94              |
|                 |           | 0.1                       | 0.20                 | 0.02            | 98              |
|                 |           | 0.12                      | 0.24                 | 0.024           | 99              |
|                 |           | 0.14                      | 0.28                 | 0.028           | 98              |
|                 |           | 0.2                       | 0.40                 | 0.04            | 98              |
|                 | very high | 0.3                       | 0.60                 | 0.06            | 98              |

FIG. 16

| No.      | Dose      | Final bromo<br>(mg) per vial | Final conc<br>(g/kg DMI) | %<br>Bioactive<br>/DMI | % CH <sub>4</sub><br>reduction |
|----------|-----------|------------------------------|--------------------------|------------------------|--------------------------------|
| 11-cow   | none      | 0                            | 0.00                     | 0                      |                                |
|          | very low  | 0.02                         | 0.04                     | 0.004                  | 98                             |
|          |           | 0.04                         | 0.08                     | 0.008                  | 99                             |
|          |           | 0.06                         | 0.12                     | 0.012                  | 99                             |
|          |           | 0.08                         | 0.16                     | 0.016                  | 99                             |
|          |           | 0.1                          | 0.20                     | 0.02                   | 99                             |
|          |           | 0.12                         | 0.24                     | 0.024                  | 99                             |
|          |           | 0.14                         | 0.28                     | 0.028                  | 99                             |
|          |           | 0.2                          | 0.40                     | 0.04                   | 99                             |
|          | very high | 0.3                          | 0.60                     | 0.06                   | 99                             |
| 11-sheep | none      | 0                            | 0.00                     | 0                      |                                |
|          | very low  | 0.02                         | 0.04                     | 0.004                  | 14                             |
|          |           | 0.04                         | 0.08                     | 0.008                  | 95                             |
|          |           | 0.06                         | 0.12                     | 0.012                  | 96                             |
|          |           | 0.08                         | 0.16                     | 0.016                  | 97                             |
|          |           | 0.1                          | 0.20                     | 0.02                   | 96                             |
|          |           | 0.12                         | 0.24                     | 0.024                  | 96                             |
|          |           | 0.14                         | 0.28                     | 0.028                  | 96                             |
|          |           | 0.2                          | 0.40                     | 0.04                   | 97                             |
|          | very high | 0.3                          | 0.60                     | 0.06                   | 97                             |

FIG. 17

| No.       | Dose      | Final bromo<br>(mg) per vial | Final conc<br>( $\mu$ /kg DMI) | %<br>Bioactive<br>/DMI | % CH <sub>4</sub><br>reduction |
|-----------|-----------|------------------------------|--------------------------------|------------------------|--------------------------------|
| 17-cow    | 0         | 0                            | 0.00                           | 0                      |                                |
|           | very low  | 0.02                         | 0.04                           | 0.004                  | -8                             |
|           |           | 0.04                         | 0.08                           | 0.008                  | -22                            |
|           |           | 0.06                         | 0.12                           | 0.012                  | 7                              |
|           |           | 0.08                         | 0.16                           | 0.016                  | 31                             |
|           |           | 0.1                          | 0.20                           | 0.02                   | 29                             |
|           |           | 0.12                         | 0.24                           | 0.024                  | 99                             |
|           |           | 0.14                         | 0.28                           | 0.028                  | 99                             |
|           |           | 0.2                          | 0.40                           | 0.04                   | 99                             |
|           | very high | 0.3                          | 0.60                           | 0.06                   | 98                             |
| 17- sheep | none      | 0                            | 0.00                           | 0                      |                                |
|           | very low  | 0.02                         | 0.04                           | 0.004                  | 97                             |
|           |           | 0.04                         | 0.08                           | 0.008                  | 98                             |
|           |           | 0.06                         | 0.12                           | 0.012                  | 98                             |
|           |           | 0.08                         | 0.16                           | 0.016                  | 98                             |
|           |           | 0.1                          | 0.20                           | 0.02                   | 98                             |
|           |           | 0.12                         | 0.24                           | 0.024                  | 98                             |
|           |           | 0.14                         | 0.28                           | 0.028                  | 98                             |
|           |           | 0.2                          | 0.40                           | 0.04                   | 98                             |
|           | very high | 0.3                          | 0.60                           | 0.06                   | 98                             |

FIG. 18

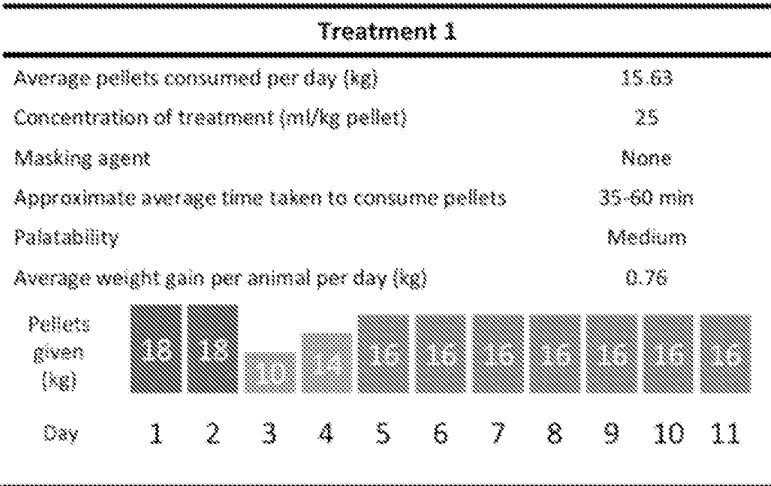


FIG. 19a

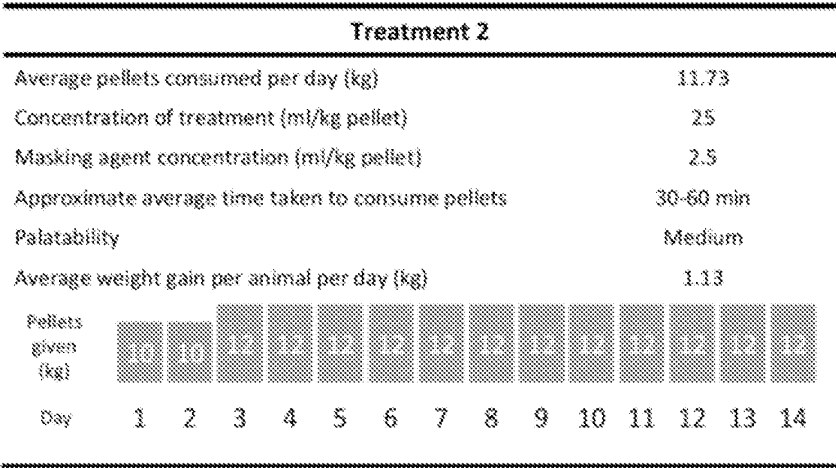


FIG. 19b

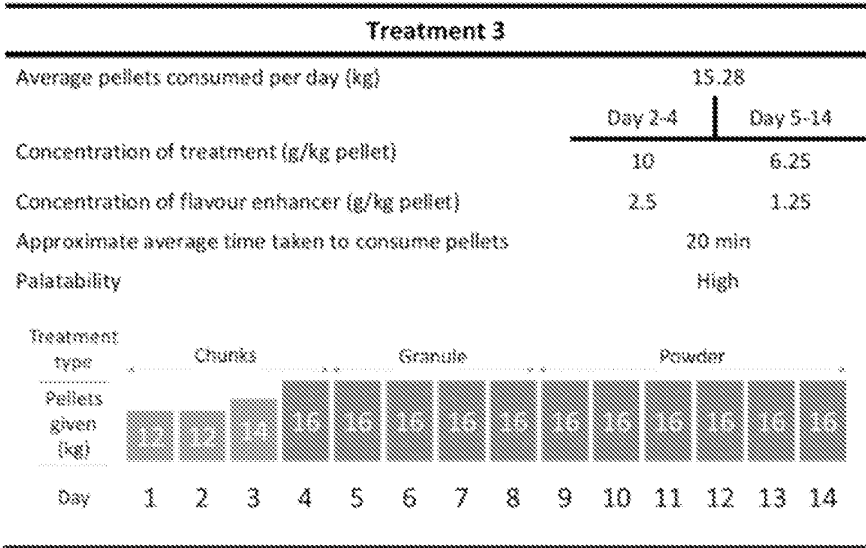


FIG. 19c

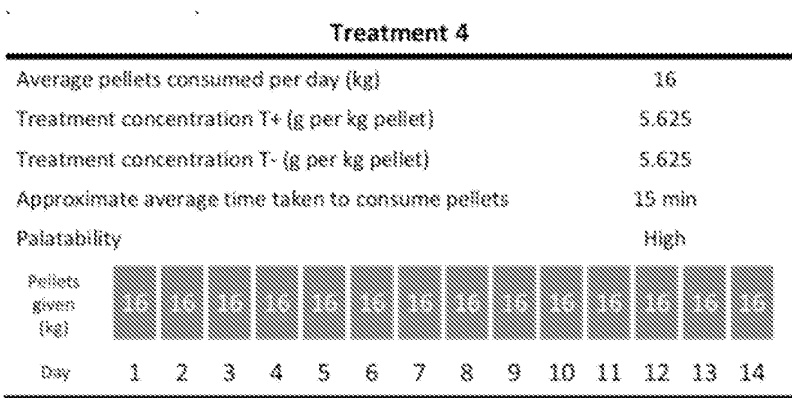


FIG. 19d

| Treatment 6                                       |    |    |    |    |    |    |    |    |    |                 |    |    |    |    |
|---------------------------------------------------|----|----|----|----|----|----|----|----|----|-----------------|----|----|----|----|
| Average pellets consumed per day                  |    |    |    |    |    |    |    |    |    | 16 kg           |    |    |    |    |
| Concentration                                     |    |    |    |    |    |    |    |    |    | 25 ml/kg pellet |    |    |    |    |
| Approximate average time taken to consume pellets |    |    |    |    |    |    |    |    |    | 15 min          |    |    |    |    |
| Palatability                                      |    |    |    |    |    |    |    |    |    | High            |    |    |    |    |
| Average weight gain per animal per day            |    |    |    |    |    |    |    |    |    | 0.52 kg         |    |    |    |    |
| Pellets given (kg)                                | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16              | 16 | 16 | 16 | 16 |
| Day                                               | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10              | 11 | 12 | 13 | 14 |

FIG. 19e