

## KUMPULAN PERSYARATAN TEKNIS MINIMAL (PTM) BAHAN PAKAN

| No        | Bahan Pakan                     | PERSYARATAN MUTU |                   |                  |          |            |                 |           |           |           |                 |     |                    |                   |                       |                     |                  |                      | KET |             |
|-----------|---------------------------------|------------------|-------------------|------------------|----------|------------|-----------------|-----------|-----------|-----------|-----------------|-----|--------------------|-------------------|-----------------------|---------------------|------------------|----------------------|-----|-------------|
|           |                                 | Kadar Air Maks   | Protein Kasar Min | Serat Kasar Maks | Abu Maks | Lemak Maks | Aflatoksin Maks | Ca Maks   | P Min     | NaCl Maks | Kuman Patogenik |     | Hair and Wool Maks | Pepsin Digest Min | Insoluble Matter Maks | Peroxide Value Maks | Iodine Value Min | Free Fatty Acid Maks |     | Tannin Maks |
|           |                                 | %                |                   |                  |          |            | ppb             | %         |           |           | Sal             | Shi | %                  |                   |                       | Meg/kg Fat          | %                |                      |     |             |
|           |                                 |                  |                   |                  |          |            |                 |           |           |           |                 |     |                    |                   |                       |                     |                  |                      |     |             |
| <b>A.</b> | <b>IMPOR ASAL HEWAN</b>         |                  |                   |                  |          |            |                 |           |           |           |                 |     |                    |                   |                       |                     |                  |                      |     |             |
| 1         | Meat Meal                       | 10               | 55                | 2.5              | 25       | 8          | -               | 8         | 4         | 0.6       | neg             | neg | 1                  | 85                | -                     | -                   | -                | -                    | -   |             |
| 2         | Bone Meal (steamed)             | 10               | 20                | -                | 70       | -          | -               | 24        | 9         | 0.6       | neg             | neg | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 3         | Defatted Meat Meal              | 10               | 60                | 2.5              | 29       | 4          | -               | 9         | 4         | 0.6       | neg             | neg | -                  | 85                | -                     | -                   | -                | -                    | -   |             |
| 4         | Blood Meal                      | 10               | 80                | 1                | 4.5      | 1          | -               | 0.6       | 0.3       | 0.6       | neg             | neg | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 5         | Krill Meal                      | 10               | 55                | -                | 13       | 18         | -               | 3         | 1.5       | 2         | neg             | neg | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 6         | Fish Oil                        | 0.5              | -                 | -                | -        | 99.5       | -               | -         | -         | -         | neg             | neg | -                  | -                 | 2                     | 100                 | 200              | 5                    | -   |             |
| <b>B.</b> | <b>IMPOR ASAL TUMBUHAN</b>      |                  |                   |                  |          |            |                 |           |           |           |                 |     |                    |                   |                       |                     |                  |                      |     |             |
| 1.        | Canola Meal                     | 12               | 37                | 12               | 8        | 4          | 100             | 1         | 1         | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 2.        | Rapeseed Meal                   | 12               | 35                | 12               | 8        | 7          | 100             | 1         | 1         | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 3.        | Sunflower Seed Meal (with hull) | 12               | 30                | 24               | 7        | 2.5        | 90              | 0.5       | 1         | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 4.        | Sunflower Seed Meal (w/o hull)  | 12               | 40                | 12               | 7        | 1          | 90              | 0.4       | 1         | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 5.        | Flax Seed                       | 12               | 25                | 7                | 6        | Min 35     | -               | 0.2       | 0.5       | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 6.        | Lupin Seed                      | 12               | 33                | 17               | 4        | 10         | -               | 0.2       | 0.6       | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 7.        | Milled Seed                     | 12               | 13                | 8                | 4        | 5          | -               | -         | -         | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 8.        | Cottonseed Meal                 | 12               | 40                | 13               | 7        | 4          | 100             | 0.2       | 1         | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 9.        | Barley Grain                    | 12               | 10                | 5                | 3        | 2          | -               | 0.1       | 0.4       | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 10.       | Oats Grain                      | 12               | 10                | 12               | 5        | 5          | -               | 0.1       | 0.3       | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 11.       | Rye Grain                       | 12               | 12                | 3                | 2        | 2          | -               | 0.1       | 0.3       | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 12.       | Triticale Grain                 | 12               | 12                | 5                | 2        | 2          | -               | 0.1       | 0.3       | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 13.       | Sesame Seed Meal                | 12               | 38                | 7                | 12       | 8          | 200             | 2.5       | 1.3       | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 14.       | Sorghum                         | 12               | 8                 | 3                | 2        | 3          | -               | 0.5       | 0.2       | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 15.       | Biji Gandum                     | 12               | 12                | 2                | 2        | 3          |                 | 0,03-0,07 | 0,30-0,45 |           |                 |     |                    |                   |                       |                     |                  |                      |     |             |

BERDASARKAN : SK DIREKTUR JENDERAL JENDERAL NOMOR : 524/TN.250/KPTS/DJP/DEPTAN 1997

| No        | Bahan Baku Pakan                | PERSYARATAN MUTU |                   |                  |          |            |                     |         |       |           |                 |     |                    |                   |                       |                     |                  |                      | KET |             |
|-----------|---------------------------------|------------------|-------------------|------------------|----------|------------|---------------------|---------|-------|-----------|-----------------|-----|--------------------|-------------------|-----------------------|---------------------|------------------|----------------------|-----|-------------|
|           |                                 | Kadar Air Maks   | Protein Kasar Min | Serat Kasar Maks | Abu Maks | Lemak Maks | Aflatoksin Maks ppb | Ca Maks | P Min | NaCl Maks | Kuman Patogenik |     | Hair and Wool Maks | Pepsin Digest Min | Insoluble Matter Maks | Peroxide Value Maks | Iodine Value Min | Free Fatty Acid Maks |     | Tannin Maks |
|           |                                 | %                |                   |                  |          |            | %                   |         |       |           |                 | Sal | Shi                | %                 |                       |                     | Meg/kg Fat       | %                    |     |             |
| <b>A.</b> | <b>IMPOR ASAL HEWAN</b>         |                  |                   |                  |          |            |                     |         |       |           |                 |     |                    |                   |                       |                     |                  |                      |     |             |
| 1.        | Meat Bone Meal                  | 10               | 45                | 3.0              | 37       | 10         | -                   | 11      | 5     | 0.6       | neg             | neg | 1                  | 82                | -                     | -                   | -                | -                    | -   |             |
| 2.        | Meat Meal                       | 10               | 55                | 2.5              | 25       | 8          | -                   | 8       | 4     | 0.6       | neg             | neg | 1                  | 85                | -                     | -                   | -                | -                    | -   |             |
| 3.        | Bone Meal (steamed)             | 10               | 20                | -                | 70       | -          | -                   | 24      | 9     | 0.6       | neg             | neg | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 4.        | Poultry By-Product Meal         | 10               | 55                | 1.5              | 16       | 14         | -                   | 4       | 1.5   | 0.6       | neg             | neg | -                  | 85                | -                     | -                   | -                | -                    | -   |             |
| 5.        | Defatted Meat Meal              | 10               | 60                | 2.5              | 29       | 4          | -                   | 9       | 4     | 0.6       | neg             | neg | -                  | 85                | -                     | -                   | -                | -                    | -   |             |
| 6.        | Hydrolysed Feather Meal         | 10               | 78                | 1.5              | 3        | 7          | -                   | 0.2     | 0.7   | 0.6       | neg             | neg | -                  | 70                | -                     | -                   | -                | -                    | -   |             |
| 7.        | Blood Meal                      | 10               | 80                | 1                | 4.5      | 1          | -                   | 0.6     | 0.3   | 0.6       | neg             | neg | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 8.        | Krill Meal                      | 10               | 55                | -                | 13       | 18         | -                   | 3       | 1.5   | 2         | neg             | neg | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 9.        | Fish Oil                        | 0.5              | -                 | -                | -        | 99.5       | -                   | -       | -     | -         | neg             | neg | -                  | -                 | 2                     | 100                 | 200              | 5                    | -   |             |
| <b>B.</b> | <b>IMPOR ASAL TUMBUHAN</b>      |                  |                   |                  |          |            |                     |         |       |           |                 |     |                    |                   |                       |                     |                  |                      |     |             |
| 1.        | Canola Meal                     | 12               | 37                | 12               | 8        | 4          | 100                 | 1       | 1     | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 2.        | Rapeseed Meal                   | 12               | 35                | 12               | 8        | 7          | 100                 | 1       | 1     | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 3.        | Sunflower Seed Meal (with hull) | 12               | 30                | 24               | 7        | 2.5        | 90                  | 0.5     | 1     | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 4.        | Sunflower Seed Meal (w/o hull)  | 12               | 40                | 12               | 7        | 1          | 90                  | 0.4     | 1     | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 5.        | Flax Seed                       | 12               | 25                | 7                | 6        | Min 35     | -                   | 0.2     | 0.5   | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 6.        | Lupin Seed                      | 12               | 33                | 17               | 4        | 10         | -                   | 0.2     | 0.6   | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 7.        | Milled Seed                     | 12               | 13                | 8                | 4        | 5          | -                   | -       | -     | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 8.        | Cottonseed Meal                 | 12               | 40                | 13               | 7        | 4          | 100                 | 0.2     | 1     | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 9.        | Barley Grain                    | 12               | 10                | 5                | 3        | 2          | -                   | 0.1     | 0.4   | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 10.       | Oats Grain                      | 12               | 10                | 12               | 5        | 5          | -                   | 0.1     | 0.3   | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 11.       | Rye Grain                       | 12               | 12                | 3                | 2        | 2          | -                   | 0.1     | 0.3   | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 12.       | Triticale Grain                 | 12               | 12                | 5                | 2        | 2          | -                   | 0.1     | 0.3   | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 13.       | Sesame Seed Meal                | 12               | 38                | 7                | 12       | 8          | 200                 | 2.5     | 1.3   | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |
| 14.       | Sorghum                         | 12               | 8                 | 3                | 2        | 3          | -                   | 0.5     | 0.2   | -         | -               | -   | -                  | -                 | -                     | -                   | -                | -                    | -   |             |

BERDASARKAN : SURAT KEPUTUSAN DIREKTUR JENDERAL JENDERAL NOMOR : 524/TN.250/KPTS/DJP/DEPTAN 199



| No        | Nama Baku Pak           | PERSYARATAN MUTU |                   |                  |          |            |                     |         |       |           |                 |     |                    |                   |                       |                     |                  |                      |
|-----------|-------------------------|------------------|-------------------|------------------|----------|------------|---------------------|---------|-------|-----------|-----------------|-----|--------------------|-------------------|-----------------------|---------------------|------------------|----------------------|
|           |                         | Kadar Air Maks   | Protein Kasar Min | Serat Kasar Maks | Abu Maks | Lemak Maks | Aflatoksin Maks ppb | Ca Maks | P Min | NaCl Maks | Kuman Patogenik |     | Hair and Wool Maks | Pepsin Digest Min | Insoluble Matter Maks | Peroxide Value Maks | Iodine Value Min | Free Fatty Acid Maks |
|           |                         | %                |                   |                  |          |            |                     | %       |       |           | Sal             | Shi | %                  |                   |                       | Meg/kg Fat          |                  |                      |
|           |                         |                  |                   |                  |          |            |                     |         |       |           |                 |     |                    |                   |                       |                     |                  |                      |
| <b>A.</b> | <b>IMPOR ASAL HEWAN</b> |                  |                   |                  |          |            |                     |         |       |           |                 |     |                    |                   |                       |                     |                  |                      |
| 1.        | Meat Bone Meal          | 10               | 45                | 3.0              | 37       | 10         | -                   | 11      | 5     | 0.6       | neg             | neg | 1                  | 82                | -                     | -                   | -                | -                    |
| 2.        | Meat Meal               | 10               | 55                | 2.5              | 25       | 8          | -                   | 8       | 4     | 0.6       | neg             | neg | 1                  | 85                | -                     | -                   | -                | -                    |
| 3.        | Bone Meal (D)           | 10               | 20                | -                | 70       | -          | -                   | 24      | 9     | 0.6       | neg             | neg | -                  | -                 | -                     | -                   | -                | -                    |
| 4.        | Poultry By-Product      | 10               | 55                | 1.5              | 16       | 14         | -                   | 4       | 1.5   | 0.6       | neg             | neg | -                  | 85                | -                     | -                   | -                | -                    |
| 5.        | Defatted Meat Meal      | 10               | 60                | 2.5              | 29       | 4          | -                   | 9       | 4     | 0.6       | neg             | neg | -                  | 85                | -                     | -                   | -                | -                    |
| 6.        | Hydrolysed Meat Meal    | 10               | 78                | 1.5              | 3        | 7          | -                   | 0.2     | 0.7   | 0.6       | neg             | neg | -                  | 70                | -                     | -                   | -                | -                    |
| 7.        | Blood Meal              | 10               | 80                | 1                | 4.5      | 1          | -                   | 0.6     | 0.3   | 0.6       | neg             | neg | -                  | -                 | -                     | -                   | -                | -                    |
| 8.        | Krill Meal              | 10               | 55                | -                | 13       | 18         | -                   | 3       | 1.5   | 2         | neg             | neg | -                  | -                 | -                     | -                   | -                | -                    |
| 9.        | Fish Oil                | 0.5              | -                 | -                | -        | 99.5       | -                   | -       | -     | -         | neg             | neg | -                  | -                 | 2                     | 100                 | 200              | 5                    |



