

SCHEDULE 4

Regulation 10

LIMITS OF VARIATION

PART A

COMPOUND FEEDING STUFFS EXCEPT THOSE FOR PETS

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Ash	<p>If present in excess—</p> <p>2 for declarations of 10% or more 20% of the amount stated for declarations of 5% or more but less than 10% 1 for declarations of less than 5%</p> <p>In the case of deficiency—</p> <p>3 for declarations of 10% or more 30% of the amount stated for declarations of 5% or more but less than 10% 1.5 for declarations less than 5%</p>
Ash insoluble in hydrochloric acid	<p>If present in excess—</p> <p>2 for declarations of 10% or more 20% of the amount stated for declarations of 4% or more but less than 10% 1 for declarations of less than 4%</p>
Calcium	<p>If present in excess—</p> <p>3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12% 45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1%</p> <p>In case of deficiency—</p> <p>1.2% for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16% 0.9 for declarations of 6% or more but less than 12% 15% of the amount stated for declarations of 1% or more but less than 6% 0.15 for declarations less than 1%</p>
Cystine	<p>In case of deficiency—</p> <p>30% of the amount stated</p>

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<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Fibre	<p>If present in excess—</p> <p>1.8 for declarations of 12% or more 15% of the amount stated for declarations of 6% or more but less than 12% 0.9 for declarations of less than 6%</p> <p>In case of deficiency—</p> <p>5.4 for declarations of 12% or more 45% of the amount stated for declarations of 6% or more but less than 12% 2.7 for declarations of less than 6%</p>
Lysine	<p>In case of deficiency—</p> <p>30% of the amount stated</p>
Magnesium	<p>If present in excess—</p> <p>4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7%</p> <p>In case of deficiency—</p> <p>1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%</p>
Methionine	<p>In case of deficiency—</p> <p>30% of the amount stated</p>
Moisture	<p>If present in excess—</p> <p>1 for declarations of 10% or more 10% of the amount stated for declarations of 5% or more but less than 10% 0.5 for declarations less than 5%</p>
Oils and fats	<p>If present in excess—</p> <p>3 for declarations of 15% or more 20% of the amount stated for declarations of 8% or more but less than 15% 1.6 for declarations less than 8%</p> <p>In case of deficiency—</p> <p>1.5 for declarations of 15% or more</p>

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Phosphorus	<p>10% of the amount stated for declarations of 8% or more but less than 15% 0.8 for declarations less than 8%</p> <p>If present in excess— 3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12% 45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1%</p> <p>In case of deficiency— 1.2 for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16% 0.9 for declarations of 6% or more but less than 12% 15% of the amount stated for declarations of 1% or more but less than 6% 0.15 for declarations less than 1%</p>
Potassium	<p>If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7%</p> <p>In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%</p>
Protein	<p>If present in excess— 4 for declarations of 20% or more 20% of the amount stated for declarations of 10% or more but less than 20% 2 for declarations less than 10%</p>

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<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Sodium	<p>In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 10% or more but less than 20% 1 for declarations less than 10%</p> <p>If present in excess — 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7%</p>
Starch and total sugar plus starch	<p>In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%</p> <p>If present in excess— 5 for declarations of 25% or more 20% of the amount stated for declarations of 10% or more but less than 25% 2 for declarations less than 10%</p>
Threonine	<p>In case of deficiency— 2.5 for declarations of 25% or more 10% of the amount stated for declarations of 10% or more but less than 25% 1 for declarations less than 10%</p>
Total sugar	<p>In case of deficiency— 30% of the amount stated</p> <p>If present in excess — 4 for declarations of 20% or more 20% of the amount stated for declarations of 10% or more but less than 20% 2 for declarations less than 10%</p> <p>In case of deficiency— 2 for declarations of 20% or more</p>

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
	10% of the amount stated for declarations of 10% or more but less than 20% ¹ for declarations less than 10%
Tryptophan	In case of deficiency— 30% of the amount stated

PART B
COMPOUND PET FOODS

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Ash	If present in excess— 1.5 for all declarations In the case of deficiency— 4.5 for all declarations
Ash insoluble in hydrochloric acid	If present in excess— 1.5 for all declarations
Calcium	If present in excess— 3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12% 45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1% In case of deficiency— 1.2 for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16% 0.9 for declarations of 6% or more but less than 12% 15% of the amount stated for declarations of 1% or more but less than 6% 0.15 for declarations less than 1%
Cystine	In case of deficiency— 30% of the amount stated
Fibre	If present in excess— 1 for all declarations

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<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Lysine	In case of deficiency— 3 for all declarations In case of deficiency— 30% of the amount stated
Magnesium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or more but less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%
Methionine	In case of deficiency— 30% of the amount stated
Oils and fats	If present in excess— 5 for all declarations
Phosphorus	In case of deficiency— 2.5 for all declarations If present in excess— 3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12% 45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1% In case of deficiency— 1.2 for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16%

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Potassium	<p>0.9 for declarations of 6% or more but less than 12%</p> <p>15% of the amount stated for declarations of 1% or more but less than 6%</p> <p>0.15 for declarations less than 1%</p> <p>If present in excess—</p> <p>4.5 for declarations of 15% or more</p> <p>30% of the amount stated for declarations of 7.5% or more but less than 15%</p> <p>2.25 for declarations of 5% or more but less than 7.5%</p> <p>45% of the amount stated for declarations of 0.7% or more but less than 5%</p> <p>0.3 for declarations less than 0.7%</p>
Protein	<p>In case of deficiency—</p> <p>1.5 for declarations of 15% or more</p> <p>10% of the amount stated for declarations of 7.5% or more but less than 15%</p> <p>0.75 for declarations of 5% or more but less than 7.5%</p> <p>15% of the amount stated for declarations of 0.7% or more but less than 5%</p> <p>0.1 for declarations less than 0.7%</p> <p>If present in excess—</p> <p>6.4 for declarations of 20% or more</p> <p>32% of the amount stated for declarations of 12.5% or more but less than 20%</p> <p>4 for declarations less than 12.5%</p>
Sodium	<p>In case of deficiency—</p> <p>3.2 for declarations of 20% or more</p> <p>16% of the amount stated for declarations of 12.5% or more but less than 20%</p> <p>2 for declarations less than 12.5%</p> <p>If present in excess—</p> <p>4.5 for declarations of 15% or more</p> <p>30% of the amount stated for declarations of 7.5% or more but less than 15%</p> <p>2.25 for declarations of 5% or more but less than 7.5%</p> <p>45% of the amount stated for declarations of 0.7% or more but less than 5%</p> <p>0.3 for declarations less than 0.7%</p> <p>In case of deficiency—</p> <p>1.5 for declarations of 15% or more</p>

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<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
	10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%
Starch and total sugar plus starch	If present in excess— 5 for declarations of 25% or more 20% of the amount stated for declarations of 10% or more but less than 25% 2 for declarations less than 10% In case of deficiency— 2.5 for declarations of 25% or more 10% of the amount stated for declarations of 10% or more but less than 25% 1 for declarations less than 10%
Total sugar	If present in excess— 4 for declarations of 20% or more 20% of the amount stated for declarations of 10% or more but less than 20% 2 for declarations less than 10% In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 10% or more but less than 20% 1 for declarations less than 10%
Threonine	In case of deficiency— 30% of the amount stated
Tryptophan	In case of deficiency— 30% of the amount stated

PART C

FEED MATERIALS

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Acid index	If present in excess— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Ash	If present in excess— 3 for declarations of 10% or more 30% of the amount stated for declarations of 5% or more but less than 10% 1.5 for declarations less than 5%
Ash insoluble in hydrochloric acid	If present in excess— 10% of the amount stated for declarations of 3% or more 0.3 for declarations less than 3%
Calcium	In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Calcium carbonate	If present in excess— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Carotene	In case of deficiency— 30% of the amount stated
Chlorides expressed as NaCl	If present in excess— 10% of the amount stated for declarations of 3% or more 0.3 for declarations less than 3%
Fibre	If present in excess— 2.1 for declarations of 14% or more 15% of the amount stated for declarations of 6% or more but less than 14% 0.9 for declarations less than 6%
Inulin	In case of deficiency— 3 for declarations of 30% or more 10% of the amount stated for declarations of 10% or more but less than 30% 1 for declarations less than 10%
Lysine	In case of deficiency— 20% of the amount stated
Magnesium	In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Matter insoluble in light petroleum	If present in excess— 1.5 for declarations of 15% or more

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<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
	10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Methionine	In case of deficiency— 20% of the amount stated
Moisture	If present in excess— 1 for declarations of 10% or more 10% of the amount stated for declarations of 5% or more but less than 10% 0.5 for declarations less than 5%
Oil and Fat	If present in excess— 3.6 for declarations of 15% or more 24% of the amount stated for declarations of 5% or more but less than 15% 1.2 for declarations less than 5%
	In case of deficiency— 1.8 for declarations of 15% or more 12% of the amount stated for declarations of 5% or more but less than 15% 0.6 for declarations less than 5%
Phosphorus	In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Protein	In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 10% or more but less than 20% 1 for declarations less than 10%
Protein equivalent of uric acid	If present in excess— 1.25, or 25% of the amount stated, whichever is the greater
Sodium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 2% or more but less than 15% 0.6 for declarations less than 2%
Starch	In case of deficiency— 3 for declarations of 30% or more 10% of the amount stated for declarations of 10% or more but less than 30% 1 for declarations less than 10%

<i>Analytical constituents</i>	<i>Limits of variation (absolute value in percentage by weight, except where otherwise specified)</i>
Sugar (total sugars, reducing sugars, sucrose, lactose, glucose (dextrose))	<p>If present in excess—</p> <p>4 for declarations of 20% or more 20% of the amount stated for declarations of 5% or more but less than 20% 1 for declarations less than 5%</p> <p>In case of deficiency—</p> <p>2 for declarations of 20% or more 10% of the amount stated for declarations of 5% or more but less than 20% 0.5 for declarations less than 5%</p>
Volatile nitrogenous bases	In case of deficiency— 20% of the amount stated
Xanthophyll	In case of deficiency— 30% of the amount stated

PART D

VITAMINS AND TRACE ELEMENTS

<i>Vitamin/Trace Element</i>	<i>Limits of variation</i>
Cobalt	± 50% of the amount stated
Copper	± 30% of the amount stated for declarations above 200 mg/kg
	± 50% of the amount stated for declarations up to and including 200 mg/kg
Iodine	± 50% of the amount stated
Iron	± 30% of the amount stated for declarations of 250 mg/kg or more
	± 50% of the amount stated for declarations less than 250 mg/kg
Manganese	± 50% of the amount stated
Molybdenum	± 50% of the amount stated
Selenium	± 50% of the amount stated
Vitamins D ₂ and D ₃	± 30% of the amount stated for declarations above 4000 IU/kg
	± 50% of the amount stated for declarations up to and including 4000 IU/kg
Vitamins other than D ₂ and D ₃	In case of deficiency—

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<i>Vitamin/Trace Element</i>	<i>Limits of variation</i>
	30% of the amount stated
Zinc	± 50% of the amount stated

PART E

ENERGY VALUE OF COMPOUND FEEDING STUFFS

<i>Feeding stuff</i>	<i>Limits of variation</i>
Compound feeding stuffs for poultry	± 0.7 MJ/kg (absolute value)
Compound feeding stuffs for ruminants	± 7.5% of the amount stated
Compound feeding stuffs for pigs	± 7.5% of the amount stated
Feeding stuffs for particular nutritional purposes for cats and dogs	± 15% of the amount stated