

Annex to declaration of accreditation (scope of accreditation)  
 Normative document: EN ISO/IEC 17043:2010  
 Registration number: **R 024**

of **Trilogy Europe B.V.**

This annex is valid from: **16-12-2021** to **01-01-2023**

Replaces annex dated: **N/A**

**Location(s) where activities are performed under accreditation**

**Head Office**

Beijerinckweg 18  
 6827 BN  
 Arnhem  
 The Netherlands

| Location   | Abbreviation/ location code |
|--|-----------------------------|
| Beijerinckweg 18<br>6827 BN<br>Arnhem<br>The Netherlands | ARN                         |

| Nr.                             | Material, product or device   | Type of activity (parameter)  | Concentration range / Measuring range  | Frequency      | Location |
|---------------------------------|---|---|--|----------------|----------|
| <b>Proximate analysis + NIR</b> |   |   |  |                |          |
| 1.                              | Feed, feed ingredients, food and food ingredients, cereals, milk powder, poultry meal | Ash HCl-insoluble<br>Crude Ash<br>Crude Fat<br>Crude Fibre<br>Crude Protein<br>Moisture<br>Starch<br>Sugars | 0.1 g/kg – 250 g/kg<br>10 g/kg – 500 g/kg<br>10 g/kg – 950 g/kg<br>5 g/kg – 950 g/kg<br>10 g/kg – 950 g/kg<br>10 g/kg – 950 g/kg<br>1 g/kg – 950 g/kg<br>5 g/kg – 950 g/kg | 2 times / year | ARN      |

This annex has been approved by the Board of the Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

of **Trilogy Europe B.V.**

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|--|---|---|--|----------------|----------|
| <b>Minerals, trace elements and heavy metals (Food/Feed)</b> |   |   |  |                |          |
| 2.   | Feed, feed ingredients, food and food ingredients, cereals, milk powder | Arsenic<br>Cadmium<br>Calcium<br>Chloride<br>Chromium<br>Cobalt<br>Copper<br>Iron<br>Lead<br>Magnesium<br>Manganese<br>Mercury<br>Phosphorus<br>Potassium<br>Selenium<br>Sodium<br>Zinc<br>Iodine<br>Molybdenum<br>Nickel | 0.001 mg/kg – 5 mg/kg<br>0.001 mg/kg – 5 mg/kg<br>0.1 g/kg – 500 g/kg<br>0.1 g/kg – 500 g/kg<br>0.001 mg/kg – 100 mg/kg<br>0.001 mg/kg – 50 mg/kg<br>1 mg/kg – 1 g/kg<br>10 mg/kg – 1 g/kg<br>0.001 mg/kg – 100 mg/kg<br>0.001 – 500 g/kg<br>0.001 mg/kg – 10 g/kg<br>0.001 mg/kg – 5 mg/kg<br>0.1 g/kg – 500 g/kg<br>0.1 g/kg – 500 g/kg<br>0.001 mg/kg – 50 mg/kg<br>0.1 g/kg – 500 g/kg<br>1 mg/kg – 1 g/kg<br>0.001 mg/kg – 500 mg/kg<br>0.001 mg/kg – 500 mg/kg<br>0.001 mg/kg – 50 mg/kg             | 2 times / year | ARN      |
| <b>Minerals, trace elements and heavy metals (Premix)</b>    |   |   |  |                |          |
| 3.   | Premix  | Arsenic<br>Cadmium<br>Calcium<br>Chloride<br>Chromium<br>Cobalt<br>Copper<br>Iron<br>Lead<br>Magnesium<br>Manganese<br>Mercury<br>Phosphorus<br>Potassium<br>Selenium<br>Sodium<br>Zinc<br>Iodine<br>Molybdene<br>Nickel  | 0.001 mg/kg – 50 mg/kg<br>0.001 mg/kg – 50 mg/kg<br>0.1 g/kg – 500 g/kg<br>0.1 g/kg – 500 g/kg<br>0.001 mg/kg – 100 mg/kg<br>0.001 mg/kg – 100 mg/kg<br>1 mg/kg – 10 g/kg<br>10 mg/kg – 10 g/kg<br>0.001 mg/kg – 1 g/kg<br>0.001 g/kg – 500 g/kg<br>0.001 mg/kg – 10 g/kg<br>0.001 mg/kg – 100 mg/kg<br>0.1 g/kg – 500 g/kg<br>0.1 g/kg – 500 g/kg<br>0.001 mg/kg – 500 mg/kg<br>0.1 g/kg – 500 g/kg<br>1 mg/kg – 50 g/kg<br>0.001 mg/kg – 500 mg/kg<br>0.001 mg/kg – 500 mg/kg<br>0.001 mg/kg – 500 mg/kg | 2 times / year | ARN      |

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|-------------------------------|---|--|---|----------------|----------|
| <b>Fat Quality</b>            |   |  |   |                |          |
| 4.                            | Vegetable fats and oils, animal fats, deep frying fat   | Fatty acids profile<br>(Un)saturated fatty acids<br>Trans fatty acids<br><br>Free fatty acids<br>Moisture<br>Insoluble impurities (dirt)<br>Anisidine value<br>Iodine value<br>Unsaponifiable matter<br>Peroxide value | 0.1 % – 100 % (rel.)<br>1 g/kg – 1000 g/kg (abs.)<br>0.1 % – 100 % (rel.)<br>1 g/kg – 1000 g/kg (abs.)<br>0.1 % – 100 % (rel.)<br>1 g/kg – 1000 g/kg (abs.)<br><br>0.01 % – 100 %<br>1 g/kg – 25 g/kg<br>0.001 g/kg – 25 g/kg<br>0.1 – 50<br>0.1 g – 100 g I <sub>2</sub> /100 g<br>0.1 % – 100 %<br>0.1 meq/kg – 40 meq/kg | 2 times / year | ARN      |
| <b>Microscopy examination</b> |   |  |   |                |          |
| 5.                            | Feed, feed ingredients, food, food ingredients, cereals, bonemeal, meat meal, poultry meal, fish meal | Sediment<br><br>Terrestrial Animal proteins<br><br>Fish proteins   | 0.01 % – 100 %<br><br>Presence / absence<br>Positive (>5 particles; >LOD), suspected (1-5 parts; ≤ LOD) and negative (absence; 0)<br><br>Presence / absence<br>Positive (>5 particles; >LOD), suspected (1-5 parts; ≤ LOD) and negative (absence; 0)  | 2 times / year | ARN      |
| <b>PCR - method</b>           |   |  |   |                |          |
| 6.                            | Feed, feed ingredients, food, food ingredients, cereals, bonemeal, meat meal, poultry meal, fish meal | Terrestrial Animal /Fish proteins<br><br>Terrestrial Animal /Fish proteins   | Presence / absence<br><br>Animal species or group of animal species   | 2 times / year | ARN      |

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|-------------------|--|--|---|----------------|----------|
| <b>Mycotoxins</b> |  |  |   |                |          |
| 7.                | Feed, feed ingredients, food and food ingredients, cereals | Aflatoxin B1, B2, G1, G2<br>Total Aflatoxins<br>OTA<br>DON<br>ZEA<br>T-2<br>HT-2<br>Total T-2/HT-2<br>Fumonisin B1, B2, B3<br>Total Fumonisins | 0.1 µg/kg – 100 µg/kg<br>0.1 µg/kg – 250 µg/kg<br>0.1 µg/kg – 500 µg/kg<br>0.1 mg/kg – 1 g/kg<br>0.1 µg/kg – 10 mg/kg<br>5 µg/kg – 5 mg/kg<br>5 µg/kg – 5 mg/kg<br>5 µg/kg – 10 mg/kg<br>0.1 mg/kg – 100 mg/kg<br>0.1 mg/kg – 300 mg/kg | 2 times / year | ARN      |