

Annex to declaration of accreditation (scope of accreditation)  
Normative document: EN ISO 17034:2016  
Registration number: **P 003**

of **Trilogy Europe B.V.**

This annex is valid from: **15-12-2022** to **01-01-2026**

Replaces annex dated: **16-12-2021**

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

**Head Office**

Beijerinckweg 18  
6827 BN  
Arnhem  
The Netherlands

<b>Location</b>	<b>Abbreviation/ location code</b>
Beijerinckweg 18 6827 BN Arnhem The Netherlands	ARN

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

J.A.W.M. de Haas

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No.	Matrix / Artifact	Property Value / Identity / Characterisation Range		Characterisation Procedure / Technique	Location
1.	Feed, feed ingredients, food and food ingredients, cereals, milk powder, poultry meal	Ash HCl-insoluble Crude Ash Crude Fat Crude Fibre Crude Protein Moisture Starch Sugars	0.1 g/kg – 250 g/kg 10 g/kg – 500 g/kg 10 g/kg – 950 g/kg 5 g/kg – 950 g/kg 10 g/kg – 950 g/kg 10 g/kg – 950 g/kg 1 g/kg – 950 g/kg 5 g/kg – 950 g/kg	<p><b>QC</b> PS02-QC-1 Selected techniques (PT): Gravimetry, Kjeldahl, DUMAS, Polarimetry, Enzymatic, HPLC, Ion chromatography</p> <p>PS02-QC-2 Selected techniques (Expert lab): Gravimetry, Kjeldahl, DUMAS, Polarimetry, Enzymatic, HPLC, Ion chromatography</p> <p><b>RM</b> PS02-RM-1 Selected techniques (PT): Gravimetry, Kjeldahl, DUMAS</p> <p>PS02-RM-2 Selected techniques (Expert lab): Gravimetry, Kjeldahl, DUMAS</p>	ARN

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No.	Matrix / Artifact	Property Value / Identity / Characterisation Range		Characterisation Procedure / Technique	Location
2.	Feed, feed ingredients, food and food ingredients, cereals, milk powder	Arsenic Cadmium Calcium Chloride Chromium Cobalt Copper Iron Lead Magnesium Manganese Mercury Phosphorus Potassium Selenium Sodium Zinc Iodine Molybdenum Nickel	0.001 mg/kg – 5 mg/kg 0.001 mg/kg – 5 mg/kg 0.1 g/kg – 500 g/kg 0.1 g/kg – 500 g/kg 0.001 mg/kg – 100 mg/kg 0.001 mg/kg – 50 mg/kg 1 mg/kg – 1 g/kg 10 mg/kg – 1 g/kg 0.001 mg/kg – 100 mg/kg 0.001 g/kg – 500 g/kg 0.001 mg/kg – 10 g/kg 0.001 mg/kg – 5 mg/kg 0.1 g/kg – 500 g/kg 0.1 g/kg – 500 g/kg 0.001 mg/kg – 50 mg/kg 0.1 g/kg – 500 g/kg 1 mg/kg – 1 g/kg 0.001 mg/kg – 500 mg/kg 0.001 mg/kg – 500 mg/kg 0.001 mg/kg – 50 mg/kg	<p><b>QC</b>                      PS02-QC-1                      Selected techniques (PT):                      ICP-MS, ICP-OES, ICP-AES,                      FES, ICP-Hydride,                      AAS, Electrochemical titration,                      Ion chromatography,                      Complexometric titration,                      Spectrophotometric analysis,                      Hg-analyzer</p> <p>PS02-QC-2                      Selected techniques (Expert lab): ICP-MS, ICP-OES, ICP-AES, FES, ICP-Hydride,                      AAS, Electrochemical titration,                      Ion chromatography,                      Complexometric titration,                      Spectrophotometric analysis,                      Hg-analyzer</p> <p><b>RM</b>                      PS02-RM-1                      Selected techniques (PT):                      ICP-MS, ICP-OES, ICP-AES,                      FES, ICP-Hydride, AAS,                      Electrochemical titration,                      Ion chromatography,                      Complexometric titration,                      Spectrophotometric analysis,                      Hg-analyzer</p> <p>PS02-RM-2                      Selected techniques (Expert lab): ICP-MS, ICP-OES, ICP-AES, FES, ICP-Hydride,                      AAS, Electrochemical titration,                      Ion chromatography,                      Complexometric titration,                      Spectrophotometric analysis,                      Hg-analyzer</p>	ARN

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3.	Premix	Arsenic Cadmium Calcium Chloride Chromium Cobalt Copper Iron Lead Magnesium Manganese Mercury Phosphorus Potassium Selenium Sodium Zinc Iodine Molybdenum Nickel	0.001 mg/kg – 50 mg/kg 0.001 mg/kg – 50 mg/kg 0.1 g/kg – 500 g/kg 0.1 g/kg – 500 g/kg 0.001 mg/kg – 100 mg/kg 0.001 mg/kg – 100 mg/kg 1 mg/kg – 10 g/kg 10 mg/kg – 10 g/kg 0.001 mg/kg – 1 g/kg 0.001 g/kg – 500 g/kg 0.001 mg/kg – 10 g/kg 0.001 mg/kg – 100 mg/kg 0.1 g/kg – 500 g/kg 0.1 g/kg – 500 g/kg 0.001 mg/kg – 500 mg/kg 0.1 g/kg – 500 g/kg 1 mg/kg – 50 g/kg 0.001 mg/kg – 500 mg/kg 0.001 mg/kg – 500 mg/kg 0.001 mg/kg – 500 mg/kg	<p><b>QC</b>                      PS02-QC-1                      Selected techniques (PT):                      ICP-MS, ICP-OES, ICP-AES,                      FES, ICP-Hydride,                      AAS, Electrochemical titration,                      Ion chromatography,                      Complexometric titration,                      Spectrophotometric analysis,                      Hg-analyzer</p> <p>PS02-QC-2                      Selected techniques (Expert lab): ICP-MS, ICP-OES, ICP-AES, FES, ICP-Hydride,                      AAS, Electrochemical titration,                      Ion chromatography,                      Complexometric titration,                      Spectrophotometric analysis,                      Hg-analyzer</p> <p><b>RM</b>                      PS02-RM-1                      Selected techniques (PT):                      ICP-MS, ICP-OES, ICP-AES,                      FES, ICP-Hydride,                      AAS, Electrochemical titration,                      Ion chromatography,                      Complexometric titration,                      Spectrophotometric analysis,                      Hg-analyzer</p> <p>PS02-RM-2                      Selected techniques (Expert lab): ICP-MS, ICP-OES, ICP-AES, FES, ICP-Hydride,                      AAS, Electrochemical titration,                      Ion chromatography,                      Complexometric titration,                      Spectrophotometric analysis,                      Hg-analyzer</p>	ARN

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4.	Vegetable fats and oils, animal fats and oils, deep frying fat	Fatty acids profile (Un)saturated fatty acids	0.1 % – 100 % (rel.) 1 g/kg – 1000 g/kg (abs.) 0.1 % – 100 % (rel.) 1 g/kg – 1000 g/kg (abs.)	<b>QC</b> PS02-QC-1 Selected techniques (PT): Gas chromatography, HPLC, Titrimetric, Gravimetry, Spectrophotometric analysis	ARN
		Free fatty acids Moisture Insoluble impurities (dirt) Anisidine value	0.01 % – 100 % 1 g/kg – 25 g/kg 0.001 g/kg – 25 g/kg 0.1 - 50	PS02-QC-2 Selected techniques (Expert lab): Gas chromatography, HPLC, Titrimetric, Gravimetry, Spectrophotometric analysis	
		Iodine value Unsaponifiable matter Peroxide value Trans fatty acids	0.1 g – 100 g I <sub>2</sub> /100 g 0.1 % – 100 % 0.1 meq/kg – 40 meq/kg 0.1 % – 100 % (rel.) 1 g/kg – 1000 g/kg (abs.)	<b>RM</b> PS02-RM-1 Selected techniques (PT): Gas chromatography, HPLC, Titrimetric, Gravimetry, Spectrophotometric analysis  PS02-RM-2 Selected techniques (Expert lab): Gas chromatography, HPLC, Titrimetric, Gravimetry, Spectrophotometric analysis	

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5.	Feed, feed ingredients, food, food ingredients, cereals, bonemeal, meat meal, poultry meal, fish meal	Sediment Terrestrial Animal proteins	0.01 % – 100 % Presence/ absence and Positive (>5 particles; >LOD), suspected (1 – 5 parts; ≤ LOD) and negative (absence; 0)	<b>QC</b> PS02-QC-1 Selected techniques (PT): Microscopy  PS02-QC-2 Selected techniques (Expert lab): Microscopy	ARN
		Fish proteins	Presence/ absence and Positive (>5 particles; >LOD), suspected (1 – 5 parts; ≤ LOD) and negative (absence; 0)	<b>RM</b> PS02-RM-1 Selected techniques (PT): Microscopy_REGULATION (EU) No 51/2013/ COMMISSION IMPLEMENTING REGULATION (EU) 2020/1560  PS02-RM-2 Selected techniques (Expert lab): Microscopy REGULATION (EU) No 51/2013/ COMMISSION IMPLEMENTING REGULATION (EU) 2020/1560	
6.	Feed, feed ingredients, food, food ingredients, cereals, bonemeal, meat meal, poultry meal, fish meal	Terrestrial Animal / Fish proteins	Presence / absence	<b>QC</b> PS02-QC-1 Selected techniques (PT): PCR-method	ARN
		Terrestrial Animal / Fish proteins	Animal species or group of animal species	PS02-QC-2 Selected techniques (Expert lab): Selected techniques (PT): PCR-method REGULATION (EU) No 51/2013	

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7.	Feed, feed ingredients, food and food ingredients, cereals	Aflatoxin B1, B2, G1, G2 Total Aflatoxins OTA DON ZEA T-2 HT-2 Total T-2/HT-2 Fumonisin B1, B2, B3 Total Fumonisins	0.1 µg/kg – 1 mg/kg 0.1 µg/kg – 10 mg/kg 0.1 µg/kg – 1 mg/kg 0.1 mg/kg – 1 g/kg 0.1 µg/kg – 10 mg/kg 5 µg/kg – 10 mg/kg 5 µg/kg – 10 mg/kg 5 µg/kg – 10 mg/kg 0.1 mg/kg – 500 mg/kg 0.1 mg/kg – 1 g/kg	<p><b>QC</b>                      PS02-QC-1                      Selected techniques (PT):                      LC-MS/MS, HPLC, Elisa</p> <p>PS02-QC-2                      Selected techniques (Expert lab):                      LC-MS/MS, HPLC, Elisa</p> <p><b>RM</b>                      PS02-RM-1                      Selected techniques (PT):                      LC-MS/MS, HPLC, Elisa</p> <p>PS02-RM-2                      Selected techniques (Expert lab):                      LC-MS/MS, HPLC, Elisa,</p> <p><b>CRM</b>                      PS02-CRM-1                      Selected techniques (PT):                      LC-MS/MS, HPLC</p> <p>PS02-CRM-2                      Selected techniques (Expert lab):                      LC-MS/MS, HPLC</p>	ARN