

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: L 172

of **Nutreco Nederland B.V.**
Masterlab

This annex is valid from: **18-11-2020** to **01-08-2022**

Replaces annex dated: **23-07-2020**

Location(s) where activities are performed under accreditation

Head Office

Veerstraat 38
5831 JN
Boxmeer
The Netherlands

Location	Abbreviation/ location code
Veerstraat 38 5831 JN Boxmeer The Netherlands	B

No.	Material or product	Type of activity¹	Internal reference number	Location
Inorganic analyses				
1	Animal feeding stuffs ¹ , premixes/ premixtures and concentrates	Determination of the content of total Sulphur; combustion with oxygen and infrared detection	DMS-04019 in house method	B

^{1,1} If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on the [RvA-BR010-lijst](#).
If no date or version number is mentioned for a normative document, the accreditation concerns the most current version of the document or scheme.

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.	Material or product	Type of activity ¹	Internal reference number	Location
2	Animal feeding stuffs containing soya, raw material for animal feeding stuffs, soya and soya products	Determination of Trypsin inhibitors activity; colorimetric	DMS-04032 NEN-EN-ISO 14902 (soya and soya products) in house method (Animal feeding stuffs containing soya, raw material for animal feeding stuffs)	B
3	Raw material for animal feeding stuffs, soya and soya products	Determination of Urease activity; potentiometric	DMS-04035 NEN 3557 (soya and soya products) in house method (raw material for animal feeding stuffs)	B
4	Animal feeding stuffs ¹ , premixes/ premixtures	Determination of the content of Chlorine(Cl ⁻), potentiometric/titrimetric	DMS-04033 in house method	B
5	Oil and fats	Determination of the content of free Fatty Acids; titrimetric	DMS-04034 NEN-EN-ISO 660 (§9.3)	B
6	Animal feeding stuffs ¹ , oil and fats	Determination of the Peroxide number; titrimetric	DMS-04015 in house method	B
7	Animal feeding stuffs ¹ , premixes/ premixtures	Determination of the content of Arsenic, Selenium, Cadmium, Lead en Mercury; ICP-MS (after pressure digestion)	DMS-04037 in house method	B
8		Determination of the content of Calcium (Ca) Phosphor (P), Potassium (K), Sodium (Na), Magneisum (Mg), Zinc (Zn), Manganese (Mn), Copper (Cu), Iron (Fe), Nickel (Ni), Cobalt (Co), Chromium (Cr); ICP-MS (after pressure digestion, dry ashing and hydrochloric extraction)	DMS-04038 in house method	B
9	Premixes/ premixtures, feedingstuffs and raw material for (animal) feedingstuffs	Determination of the content of Calcium (Ca) Phosphor (P), Potassium (K), Sodium (Na), Magnesium (Mg), Zinc (Zn), Manganese (Mn), Copper (Cu), Iron (Fe); ICP-OES (after pressure digestion, dry ashing and hydrochloric extraction)	DMS-04017 in house method	B

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No.	Material or product	Type of activity ¹	Internal reference number	Location
Inorganic analyses (wet chemistry)				
10	Animal feeding stuffs ¹ , premixes/premixtures	Determination of the content of crude Ash; gravimetric	DMS-03995 Regulation (EG) no. 152/2009, annex III M (Animal feeding stuffs ¹) in house method (premixes/premixtures)	B
11	Animal feeding stuffs ¹	Determination of the content of insoluble Ash; gravimetric	DMS-03939 Regulation (EG) no. 152/2009, annex III N	B
12	Animal feeding stuffs ¹ , premixes/premixtures	Determination of the content of crude Protein and total Nitrogen; Kjeldahl	DMS-03971 Regulation (EG) no. 152/2009, annex III C (Animal feeding stuffs ¹) in house method (premixes/premixtures)	B
13	Animal feeding stuffs ¹	Determination of pH, potentiometric	DMS-03987 in house method	B
14		Determination of the content of crude Fat; after acidic hydrolysis, gravimetric	DMS-03976 Regulation (EG) no. 152/2009, annex III H method B	B
15		Determination of the content of crude Fat; after Soxlet extraction, gravimetric	DMS-03977 Regulation (EG) no. 152/2009, annex III H method A (single animal feeding stuffs/raw material for animal feeding stuffs of vegetable origin) in house method (other animal feeding stuffs and raw material for animal feeding stuffs)	B

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16	Animal feeding stuffs ¹ , premixes/premixtures	Determination of the content of Moisture; gravimetric	DMS-03968 Regulation (EG) no. 152/2009, annex III A (Animal feeding stuffs, raw material for animal feeding stuffs moisture content <50%) in house method (Animal feeding stuffs, raw material for animal feeding stuffs moisture content >50% and premixes/premixtures)	B
17	Animal feeding stuffs ¹	Determination of the content of Starch according to Ewers; polarimetric	DMS-03983 Regulation (EG) no. 152/2009, annex III L	B
18		Determination of the content of crude Fiber; gravimetric	DMS-03967 NEN-EN-ISO 6865	B
19		Determination of the content of pepsin digestible crude Protein; enzyme treatment/Kjeldahl	DMS-039 90 72/199/EEG annex I part 3	B
20	Animal feeding stuffs ¹ , milk and milk products	Determination of the content of Protein; Dumas method dry ashing	DMS-03940 NEN-EN-ISO 14891 (milk and milk products) NEN-EN-ISO 16634-1 (Animal feeding stuffs ¹)	B

Organic Analysis

21	Animal feeding stuffs ¹ , oil and fats	Determination of the content of BHT/BHA; HPLC with UV-detection	DMS-04103 in house method	B
22	Animal feeding stuffs ¹ , premixes/premixtures and oil and fats	Determination of the content of Ethoxyquin; HPLC with Flu-detection	DMS-04084 in house method	B
23	Animal feeding stuffs ¹ , premixes/premixtures	Determination of the content of free Vitamin C + dehydro Vitamin C after derivatization; HPLC with Flu-detection	DMS-04045 in house method	B
24	Animal feeding stuffs ¹ , premixes/premixtures	Determination of the content of Vitamin C phosphate after derivatization; HPLC with Flu-detection	DMS-04046 in house method	B

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No.	Material or product	Type of activity ¹	Internal reference number	Location
25	Animal feeding stuffs ¹ , premixes/premixtures, oil and fats	Determination of the content of Vitamin A and Vitamin E; HPLC with UV- and Flu-detection	DMS-04049 in house method	B
26	Animal feeding stuffs ¹ , premixes/premixtures	Determination of the content of Vitamin B1; HPLC post-column reaction with Flu-detection and Vitamin B2; HPLC with Flu-detection	DMS-04061 in house method	B
27	Animal feeding stuffs ¹	Determination of the content of Tryptophan (free and total); HPLC with Flu detection	DMS-04079 in house method	B
28		Determination of the content of biogenic amines (Cadaverine, Putrescine and Histamine); HPLC with UV-detection	DMS-04104 in house method	B
29	Animal feeding stuffs ¹ , premixes/premixtures	Determination of the content of Astaxanthin (total) and Canthaxanthin; HPLC with UV-detection	DMS-04062 in house method	B
30		Determination of the amino acids pattern; HPLC amino acid analyser with post-column ninhydrin derivation and photometric detection. - Alanine - Arginine - Asparaginezuur - Glycine - Histidine - Iso-leucine - Leucine - Lysine - Phenylalanine - Proline - Serine - Threonine - Tyrosine - Glutaminezuur - Cystine - Methionine	DMS-04075 in house method	B
31		Determination of the amino acids pattern shortened; HPLC amino acid analyser with post-column ninhydrin derivation and photometric detection. - Cystine - Methionine - Threonine - Lysine	DMS-04076 in house method	B
32	Animal feeding stuffs ¹ , premixes/premixtures	Determination of the Fatty Acid pattern; GLC with FID detection	DMS-04106 NPR-CEN-ISO/TS 17764-1 NPR-CEN-ISO/TS 17764-2	B

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No.	Material or product	Type of activity ¹	Internal reference number	Location
33	Animal feeding stuffs ¹	Determination of the content of Melamine and cyanuric acid; LC-MS/MS	DMS-04098 in house method	B
34		Determination of the content of the sum of aflatoxin (B1, B2, G1, G2), vomitoxin (DON), Zearalenone; ROSA rapid-test	DMS-04010 in house method	B
35	Animal feeding stuffs, Raw material for (animal) feeding stuffs and oil and fats	Determination of the content of malachite green, leuco-malachite green, crystal violet, leuco-crystal violet en brilliant green; LC-MS/MS	DMS-04095 in house method	B
36	Animal feeding stuffs ¹ , premixes/premixtures	Determination of the content of salinomycine; LC-MS/MS	DMS-04100 in house method	B
37	Animal feeding stuffs and raw materials for (animal) feeding stuffs	Determination of mycotoxins Aflatoxin B1, Deoxynivalenol (DON), Fumonisin B1, Fumonisin B2, Ochratoxine A, Zearalenone, T-2, HT-2; LC-MS/MS	DMS-70861 in house method	B

Photometric Analyses

38	Compound feed and raw materials of compound feed	Determination of the content of crude protein, crude fat, moisture, crude fiber, starch and sugar; Near Infrared spectrometry (NIRS)	DMS-03951 NEN-EN-ISO 12099	B
39		Determination of the content of crude ash; Near Infrared spectrometry (NIRS)	DMS-03951 in house method	B

Microbiological analyses

40	Animal feeding stuffs ¹ and meat (products)	Detection of <i>Salmonella</i> ; PCR	DMS-77825 NEN-EN-ISO 6579-1 (AFNOR BRD 07/06-07/04)	B
41	Down, faeces, environment from poultry	Detection of <i>Salmonella</i> ; MSRV	DMS-03993 NEN-EN-ISO 6579-1	B

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42	Animal feeding stuffs ¹ , Meat from poultry and meat products	Detection of <i>Salmonella</i> ; MSRV	DMS-03993 NEN-EN-ISO 6579-1	B
43	Down, faeces, environment from poultry	Detection of <i>Salmonella</i> ; PCR	DMS-77825 NEN-EN-ISO 6579-1 (AFNOR BRD 07/06-07/04)	B
44	<i>Salmonella</i> cultures	Serotyping of <i>Salmonella</i> ; agglutination reaction according the White-Kauffmann-Le Minor schedule S. Enteritidis, S. Agona, S. Typhimurium, S. Paratyphi B var. Java, S. Mbandaka, S. Lexington, S. Infantis, S. Senftenberg, S. Livingstone, S. Hadar, S. Heidelberg, S. Montevideo, S. Virchow, S. Indiana	DMS-03992 NPR-CEN-ISO/TR 6579-3	B
Microscopical analyses				
45	Animal feeding stuffs ¹	Determination of the composition of Mixtures; microscopy	DMS-03950 in house method	B
46	Raw material for animal feeding stuffs	Determination of the purity of single raw materials; microscopy	DMS-03945 in house method	B
47	Animal feeding stuffs ¹	Control of Mixtures; microscopy	DMS-03946 in house method	B
48		Determination of the constituents of animal origin; microscopy	DMS-03943 Regulation (EG) no. 152/2009, annex VI	B
49		Determination of the constituents of animal origin; microscopy	DMS-03944 Regulation (EG) no. 51/2013	B

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50	Raw material for animal feeding stuffs	Identification; microscopy	DMS-03948 in house method	B

1) animal feedings stuffs¹ is defined here as: animal feeding stuffs and raw material for (animal) feeding stuffs and by-products