

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 136**

of **Nutrilab B.V.**

This annex is valid from: **26-05-2021** to **01-09-2023**

Replaces annex dated: **05-05-2021**

Location(s) where activities are performed under accreditation

Head Office

Burgstraat 12
4283 GG
Giessen
The Netherlands

Location	Abbreviation/ location code
Burgstraat 12 4283 GG Giessen The Netherlands	G
Graaf Hendrikstraat 3d 4651 TB Steenbergen The Netherlands	S
Industrieweg 2H 4283 GZ Giessen The Netherlands	I
Veldstraat 25a 5473 AH Heeswijk-Dinther The Netherlands	H
Centrale Extractie Locatie (CEL) Olivier van Noortlaan 120 3133 AT Vlaardingen The Netherlands	CEL

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
Sample preparation				
a.	Human nasal and/or throat swabs	Sample receipt, preparation, RNA extraction and transport	FENELAB-SOP-004 in-house method	CEL
b.	Human nasal and/or throat swabs	Sample receipt, preparation, RNA extraction and transport	FENELAB-SOP-004 and A8644-1 in-house method	I
Inorganic analyses (Wet Chemistry and Physical Chemical)				
1.	Feed ⁽¹⁾	Determination of the level of moisture; gravimetry Pre drying of sample materials	A.001, A.002, A.003, A.010, A.011 EC-decree 152/2009, annex III (pb. L.54/12-14) A.005 EC-decree 152/2009, annex III (pb. L.54/12-14)	G
2.	Food	Determination of the level of moisture; gravimetry Pre drying of sample materials	A.002, A.003, A.010, A.011 in-house method (analysis EC-decree 152/2009, annex III (pb. L.54/12-14)) A.005 in-house method (analysis EC-decree 152/2009, annex III (pb. L.54/12-14))	G
3.	Feed ⁽¹⁾	Determination of the level of nitrogen and related calculation of the level of crude protein; titrimetry 'Kjeldahl'	A.050 NEN-EN-ISO 5983-2	G
4.		Determination of the level of nitrogen and related calculation of the level of crude protein; Dumas	A.052 NEN-EN-ISO 16634	G
5.	Food	Determination of the level of nitrogen and related calculation of the level of crude protein; Dumas	A.052 in-house method (analysis NEN-EN-ISO 16634)	G

¹ If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on [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.

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No.	Material or product	Type of activity ¹	Internal reference number	Location
6.	Feed ⁽¹⁾	Determination of the level of crude fat; petroleum extraction; gravimetry	A.100, A.101, A.110, A.120, A.121 EC-decree 152/2009, annex III (pb. L.54/37-39) A.105 EC-guideline 68/1470/EC (pb. L.239/19-24)	G
7.	Food	Determination of the level of crude fat; petroleum extraction; gravimetry	A.100, A.101, A.110, A.120, A.121 in-house method (analysis EC-decree 152/2009, annex III (pb. L.54/37-39))	G
8.	Feed ⁽¹⁾	Determination of the level of crude fibre; long method; gravimetry	A.150 EC-decree 152/2009, annex III (pb. L.54/40-42)	G
9.		Determination of the level of crude ash; gravimetry	A.200 EC-decree 152/2009, annex III (pb. L.54/50-51)	G
10.	Food	Determination of the level of crude ash; gravimetry	A.200 in-house method (analysis EC-decree 152/2009, annex III (pb. L.54/50-51))	G
11.	Feed ⁽¹⁾	Determination of the level of insoluble ash in HCl; gravimetry	A.210 EC-decree 152/2009, annex III (pb. L.54/51-52)	G
12.		Determination of the level of starch; polarimetry	A.250 EC-decree 152/2009, annex III (pb. L.54/47-50)	G
13.	Food	Determination of the level of starch; polarimetry	A.250 in-house method (analysis EC-decree 152/2009, annex III (pb. L.54/47-50))	G
14.	Feed ⁽¹⁾	Determination of the level of sugars (reduced, total, sucrose, lactose); Luff Schoorl	A.300, A.301, A.302, A.305, A.310, A.320 NEN 3571, EC-decree 152/2009, annex III (pb. L.54/42-47)	G

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15.	Food	Determination of the level of sugars (total, calculated as glucose or sucrose); Luff Schoorl	A.300, A.301 in-house method (analysis NEN 3571, EC-decree 152/2009, annex III (pb. L.54/42-47)	G
16.	Soya products	Determination of the level of urease activity; enzymatic method	A.380 NEN 3557	G
Inorganic analyses (metals analyses)				
17.	Feed ⁽¹⁾	Determination of the level of elements; ICP-OES calcium [Ca], potassium [K], cobalt [Co], copper [Cu], magnesium [Mg], manganese [Mn], sodium [Na], iron [Fe], zinc [Zn], lead [Pb], phosphorus [P], cadmium [Cd]	A.6000_A Pb and Cd: in-house method, other elements NEN-EN 15510	G
18.	Food	Determination of the level of elements by ICP-OES sodium	A.6000_A in-house method (analysis NEN-EN 15510)	G
19.	Feed ⁽¹⁾	Determination of fluoride through ionchromatography; IC with conductivity detection	A.14000 in-house method	G
20.		Determination of the level of chlorid [Cl]; potentiometry	A.425 EC-decree 152/2009, annex III (pb. L.54/56-58)	G
21.		Determination of the level of mercury (Hg); microwave digesting and Hg-analyser	A6180 NEN-EN 16277	G
22.	Food	Determination of the level of mercury (Hg); microwave digesting and Hg-analyser	A6180 digesting NEN-EN 13805 Analysis NEN-EN 13806	G
23.	Feed ⁽¹⁾	Determination of the level of arsenic (As), cadmium (Cd), lead (Pb) and selenium (Se); microwave digesting and ICP-MS	A6300 NEN-EN 17053	G

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No.	Material or product	Type of activity ¹	Internal reference number	Location
24.	Food	Determination of the level of arsenic (As), cadmium (Cd), lead (Pb) and selenium (Se); microwave digesting and ICP-MS	A6300 digesting NEN-EN 13805 analysis As, Cd en Pb: NEN-EN 15763 Se: in-house method	G
Organic analyses				
25.	Feed ⁽¹⁾	Determination of the level of mycotoxins; UHPLC-MS.MS Aflatoxin B2 Aflatoxin G1 Aflatoxin G2	A.9940 in-house method (analysis NEN-EN 17194:2017 Design)	G
26.		Determination of the level of mycotoxins; UHPLC-MS.MS Aflatoxin B1 Deoxynivalenol (DON) Fumonisin B1 Fumonisin B2 HT-2 Toxin T-2 Toxin Ochratoxin A (OTA) Zearalenon (ZEA)	A.9940 NEN-EN 17194:2017 Design	G
27.	Food	Determination of the level of mycotoxins; UHPLC-MS.MS Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Deoxynivalenol (DON) Fumonisin B1 Fumonisin B2 HT-2 Toxin T-2 Toxin Ochratoxin A (OTA) Zearalenon (ZEA)	A.9940 in-house method (analysis NEN-EN 17194:2017 Design)	G

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28.	Food	Determination of the level of acrylamid; UPLC-MS/MS	A9212 In-house-method (analysis NEN-EN-ISO 18862)	G
29.		Determination of the level of gluten (gliadin x 2); Elisa	A.10214 AOAC-method 2012.01	G
30.		Determination of the level of almond; Elisa	A.10037 in-house method	G
31.	Food	Determination of the level of casein; Elisa	A.10091 in-house method	G
32.		Determination of the level of whole egg powder; Elisa	A.10154 in-house method	G
33.		Determination of the level of hazelnut; Elisa	A.10241 NPR-CEN/TS 15633-2	G
34.		Determination of the level of β - Lactoglobuline; Elisa	A.10393 in-house method	G
35.		Determination of the level of milk protein; Elisa	A.10405 AOAC 101501	G
36.		Determination of the level of mustard; Elisa	A.10420 in-house method	G
37.		Determination of the level of peanut; Elisa	A.10483/10484 in-house method	G
38.		Determination of the level of sesame; Elisa	A.10575 in-house method	G
39.		Determination of the level of soya- protein; Elisa	A.10577 in-house method	G
40.	Vegetable and animal fats and oils	Determination of the fatty acid composition; GC-FID	A.540 Milkfat in-house method (analysis NEN-EN-ISO 12966-2 / 12966-4) Other product NEN-EN-ISO 12966-2 / 12966-4	G

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Microbiological analyses				
41.	Feed ⁽¹⁾ and food	Enumeration of Aerobic plate count at 30°C; colony count technique	A.731 NEN-EN-ISO 4833-1 (AFNOR 3M 01/1-09/89)	G
42.		Enumeration of Bacillus cereus; colony count technique	A.744 NEN-EN-ISO 7932	G
43.		Enumeration of Clostridium perfringens; colony count technique	A.748 ISO 7937	G
44.		Enumeration of Sulfit reducing bacteria (Clostridia); colony count technique	A.750 NEN-ISO 15213	G
45.		Enumeration of bacteria from the coli group at 37°C; colony count technique, chromogen medium	A.755 food: ISO 4832 (AFNOR BRD 07/08-12/04) feed: in-house method	G
46.		Enumeration of Enterobacteriaceae at 37°C; colony count technique	A.760 NEN-ISO 21528-2 (AFNOR 3M 01/6-09/97)	G
47.		Enumeration of β-D-glucuronidase-positive Escherichia coli (E.coli); 44°C colony count technique	A.764 food: ISO 16649-2 (AFNOR BRD 07/01-07/93) feed: in-house method	G
48.	Pharmaceutical products and raw materials	Enumeration of Escherichia coli (E.coli); presence/ absence	A.765 European Pharmacopoeia method, ed. 8, chapter 2.6.12 and 2.6.13	G
49.	Medical face masks (PPE)	Determination of microbial cleanliness (bioburden); membrane filtration, TSA, SDA	A.35200 NEN-EN 14683+C1, clause 5.2.5, annex D	G
50.	Feed ⁽¹⁾ and food	Enumeration of lacto acid bacteria; colony count technique	A.766 NEN-ISO 15214	G
51.		Enumeration of yeasts and/or moulds; 25°C colony count technique	A.771, A.772, A.773 ISO 7954:1987	G
52.		Enumeration of Pseudomonas spp; colony count technique, CFC-agar	A.779 meat and meatproducts: NEN-ISO 13720 other products: in-house method	G

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53.	Food	Enumeration of <i>Listeria monocytogenes</i> at 37°C; colony count techniques	A.783 NEN-EN-ISO 11290-2 (AFNOR BRD 07/05-09/01)	G
54.		Detection of <i>Listeria monocytogenes</i>	A.784 NEN-EN-ISO 11290-1 (AFNOR BRD 07/04-09/98)	G
55.	Food and environmental samples	Detection of <i>Listeria monocytogenes</i> ; PCR	A.782, A.8284 NEN-EN-ISO 11290-1 (AFNOR BRD 07/10-04/05)	G
56.	Feed ⁽¹⁾ and food	Detection of <i>Salmonella</i> ; RVS MKTTn	A.788 NEN-EN-ISO 6579-1	G
57.		Detection of <i>Salmonella</i> ; PCR	A.785 NEN-EN-ISO 6579-1 (AFNOR BRD 07/06-07/04)	G
58.		Enumeration of <i>Staphylococcus aureus</i> ; RPF-agar, colony count technique	A.793 NEN-EN-ISO 6888-2	G
59.		Enumeration of <i>Enterococci</i> spp at 37°C; colony count technique, BEA	A.794 feed: NEN-EN 15788 food: in-house method	G
60.	Drinking water and process water	Enumeration of colonies at 22°C and 36°C; colony count technique	A.8122 NEN-EN-ISO 6222	G
61.		Enumeration of <i>Escherichia coli</i> (<i>E.coli</i>) and coliforms; 36°C, membrane filtration	A.8337 NEN-EN-ISO 9308-1	G
62.		Enumeration of enterococci at 37°C; membrane filtration	A.8537 NEN-EN-ISO 7899-2	G
63.	Human nasal and/or throat swabs	Detection of SARS-CoV-2 virus, real-time RT-PCR	FENELAB-SOP-018 and A8664-2 Journal of Clinical Virology 128 (2020) 104412	I
Microscopic analysis				
64.	Feed ⁽¹⁾	Determination of the constituents of animal origin; microscopy	A.451 EU-decree 152/2009, annex VI (pb. L.54/103-107)	G, S

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65.	Feed ⁽¹⁾	Determination of the constituents of animal origin; microscopy	A.491 EU-decree 51/2013 (pb. L.20/35-43)	G, S

Accreditatieprogramma bemonstering vaste dierlijke meststoffen AP06
 Sampling and transport (and possibly storage) of the sample to the manure laboratory ⁽²⁾

a	Thick fraction: solid manure, consisting of solid fraction after manure separation with manure code 13 and/or 43 and mixtures containing solid fraction after manure separation with manure code 13 or 43	Freight sampling during loading ⁽²⁾	VB.006 Uitvoeringsregeling Meststoffenwet, Appendix Ea, belonging to the articles 78d, 78i, 78ia, 78q and 78u (AP06)	H
b		Freight sampling during unloading ⁽²⁾		
c		Freight sampling in the container shortly after loading or shortly before unloading ⁽²⁾		

Accreditation program animal manure; AP05

--	Slurry and solid manure	Sample pre-treatment and digestion for AP05	VB.008 A.50210 Rule of manure law: Annex H, part of article 80b and 81 (AP05) pre-treatment NEN 7430 and NEN 7431 digestion NEN 7433	H
--	Minerals concentrate of slurry	Sample pre-treatment and digestion for AP05	VB.008 A.50350 Rule of manure law: Annex H, part of article 80b and 81 (AP05) pre-treatment NEN 7430 digestion NEN 14672	H
66.	Slurry and solid manure	Determination of nitrogen content; continuous flow analyzer (CFA), spectrophotometry	A.50320 Rule of manure law: Annex H, part of article 80b and 81 (AP05) NEN 7434	G
67.	Slurry and solid manure	Determination of phosphorous content; continuous flow analyzer (CFA), spectrophotometry	A.50340 Rule of manure law: Annex H, part of article 80b and 81 (AP05) 2e ontwerp NEN 7435	G

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68.	Minerals concentrate of slurry	Determination of phosphorous content; continuous flow analyzer (CFA), spectrophotometry	A 50350 Rule of manure law: Annex H, part of article 80b and 81 (AP05) 2e ontwerp NEN 7435	G
Manure Research				
69.	Slurry and solid manure	Determination of potassium content; continuous flow analyzer (CFA), spectrophotometry	A.50370 NEN 7436	G

(1) feed is defined here as:
 Compound material (oils and fats excluded).
 Compound, single feed, forage, minerals and minerals mixtures.

(2) The sampling takes place for the purpose of investigation by suitably accredited laboratory (AP05)