

Annex to declaration of accreditation (scope of accreditation)  
 Normative document: EN ISO/IEC 17025:2017  
 Registration number: **L 053**

of **NutriControl B.V.**  
**Analytical Services**

This annex is valid from: **13-12-2023** to **01-06-2025**

Replaces annex dated: **13-07-2023**

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

**Head Office**

N.C.B.-laan 52  
 5462 GE  
 Veghel  
 Nederland

Location	Abbreviation/ location code
N.C.B.-laan 52 5462 GE Veghel Nederland	V

No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
<b>Inorganic analyses (wet chemistry)</b>				
1	Feed and feedstuffs, food, milk and dairy products	Determination of the content of nitrogen and calculation of the level of protein; Kjeldahl method	ANAL-10005 in house method Milk and dairy products NEN-EN-ISO 8968-1	V
2	Feed and feedstuffs, milk and dairy products	Determination of the content of nitrogen and calculation of the level of protein; Dumas method	ANAL-10531 Feed and feedstuffs In house method; Milk and dairy products NEN-EN-ISO 14891	V
3	Feed and feedstuffs, food	Determination of crude ash content (550°C); gravimetry	ANAL-10028 in house method	V

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

J.A.W.M. de Haas

<sup>1</sup> If there is a referral to a code starting with NAW, NAP, EA or IAF, this concerns a scheme mentioned on the [RvA-BR010-list](#).  
 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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4	Feed and feedstuffs, food, water	Determination of water soluble choride; potentiometry	ANAL-10008 in house method	V
5	Feed and feedstuffs, food	Determination of fluoride content; ionselective electrode	ANAL-10012 in house method	V
6	Feed and feedstuffs	Determination of starch content; polarimetry	ANAL-10030 in house method	V
7		Determination of hydrochloric acid insoluble ash content; gravimetry	ANAL-10108 in house method	V
8		Determination of crude fiber content; gravimetry	ANAL-10061 in house method	V
9		Determination of crude fat content after acidic hydrolysis; gravimetry	ANAL-10112 in house method	V
10		Determination of crude fat content; gravimetry	ANAL-10110 in house method	V
11		Determination of moisture content; gravimetry	ANAL-10032 in house method	V
12		Determination of sugar content; Luff-Schoorl titrimetry	ANAL-10138 in house method	V
13		Determination of Acid Detergent Fibre (ADF) content; gravimetry	ANAL-10351 in house method	V
14	Feed and feedstuffs	Determination of the Neutral Detergent Fibre (NDF) content; gravimetry	ANAL-10459 in house method	V
15	Feed and feedstuffs	Determination of the content of packaging materials; gravimetry	ANAL-10301 in house method	V
16	Milk and dairy products	Determination of crude ash content (500°C, 600°C, 825°C); gravimetry	ANAL-10028 in house method	V
17	Meat products	Determination of free fat content; gravimetry	ANAL-10067 NEN-ISO 1444	V
18		Determination of moisture content; gravimetry	ANAL-10066 NEN-ISO 1442	V

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19	Water	Determination of ammonia nitrogen and organic bound nitrogen content; Kjeldahl titrimetry	ANAL-10002 NEN-ISO 5663-1993	V
20		Determination of Chemical Oxygen Demand (COD); titrimetry	ANAL-10150 NEN 6633-2006	V
21		Determination of conductance; conductometry	ANAL-10034 in house method	V
22	Water, milk and dairy products	Determination of pH; potentiometry	ANAL-10106 in house method	V
23	Fats, oils and extracted fats	Determination of insoluble contaminants; gravimetry	ANAL-10029 in house method	V
24		Determination of free fatty acids (FFA); titrimetry	ANAL-10076 NEN-ISO 660; 9.3 Hot ethanol method using indicator	V
25	Fats and oils	Determination of water; Karl Fisher; titrimetry	ANAL-10269 NEN-EN-ISO 8534	V
26	Milk and dairy products	Determination of moisture content (4 hours; 102°C); gravimetry	ANAL-10244 in house method	V
27		Determination of fat content; Röse-Gottlieb gravimetry	ANAL-10246 NEN-EN-ISO 1211; NEN-EN-ISO 1736; NEN-EN-ISO 7208	V
28	Vegetable and animal fats, oils and vegetable and animal extracted fats	Determination of the peroxide number; titrimetry	ANAL-10127 NEN-EN-ISO 3960	V
29	Food	Determination of the content of the total number dietary fibre; enzymatic pretreatment, gravimetry	ANAL-10436 AOAC 991.43	V
30	Milk and dairy products	Determination of sulphated ash (600°C); gravimetry	ANAL-10028 in house method	V
31	Lactose	Determination of Loss-on-drying (2 hours 80°C); gravimetry	ANAL-10244 in house method	V
32	Milk and dairy products	Determination of fat; Schmid-Bondzynski-Ratzlaff; gravimetry	ANAL-10250 in house method	V

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33	Lactose	Determination of water; Karl Fisher; titrimetry	ANAL-10269 in house method	V
34	Milk and dairy products	Determination of nitrite and nitrate; auto analyser	ANAL-10504 ISO 14673-2	V
35	Livestock drinking water, waste water	Determination of ammonia content; auto analyser with spectrophotometric detection	ANAL-10031 in house method	V
36	Livestock drinking water, waste water	Determination of total phosphor content; spectrophotometry	ANAL-10035 NEN-EN-ISO 6878	V
37	Livestock drinking water, waste water	Determination of nitrite en nitrate; auto analyser with spectrophotometric detection	ANAL-10146 in house method	V
38	Feed and feedstuffs, food	Determination of nitrite and nitrate; auto analyser with spectrophotometric detection	ANAL-10147 in house method	V

#### Inorganic analyses (metal analyses)

39	Feed and feedstuffs, food, milk and dairy products	Determination of the content of elements; ICP-OES detection Ca, Na, K, Mg, Fe, Cu, Zn, Mn and P	ANAL-10040 in house method	V
40	Feed and feedstuffs, food	Determination of heavy metals; ICP-MS detection As, Cd, Pb, Mo and Hg	ANAL-10222 in house method	V
41	Milk and dairy products	Determination of heavy metals; ICP-MS detection As, Cd, Pb and Hg	ANAL-10222 in house method	V
42	Livestock drinking water, waste water	Determination of the content of elements; ICP-OES detection Ca, Fe, Mg, Mn and Na, including hardness	ANAL-10039 NEN-EN-ISO 11885	V

#### Organic analyses

43	Feed, feedstuffs and food	Determination of vitamin A (retinol) content; HPLC-FLU detection	ANAL-10003 in house method	V
44	Feed, feedstuffs and food	Determination of vitamin E ( $\alpha$ -tocopherol-acetate) content; HPLC-FLU detection	ANAL-10015 in house method	V

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45		Determination of tryptophan content; HPLC-FLU detection	ANAL-10017 NEN-EN-ISO 13904 (food: in house method)	V
46		Determination of amino acids after hydrolysis; amino acid analyser	ANAL-10018 in house method	V
47	Feed and feedstuffs	Determination of free amino acids; amino acid analyser	ANAL-10019 in house method	V
48	Lactose	Determination of alfa- and bèta-lactose ratio; GC-FID detection	ANAL-10037 in house method	V
49	Feed and feedstuffs, Fats, oils and extracted fats	Determination of fatty acid content; GC-FID detection	ANAL-10091 NPR-CEN-ISO/TS 17764-1&2	V
50	Food	Determination of fatty acid content; GC-FID detection	ANAL-10091 in house method	V
51	Fats, oils and extracted fats	Determination of mineral oil content; GC-FID detection	ANAL-10056 in house method	V
52	Feed and feedstuffs, fats, oils and extracted fats	Determination of glyceroltriheptanoate (GTH) content; GC-MS detection	ANAL-10237 in house method	V
53	Feed, feedstuffs and, food	Determination of biogenic amines; HPLC-FLU detection: tyramine, putrescine, cadaverine, histamine, agmatine, PEA and spermidine	ANAL-10020 in house method	V
54		Determination of vitamin C (ascorbic acid) content; HPLC-FLU detection	ANAL-10185 in house method	V
55	Feed, feedstuffs, food and milk and dairy products	Determination of soluble sugars; HPLC-PAD detection: galactose, glucose, fructose, saccharose, lactose, maltose and sugar content	ANAL-10343 in house method	V
56	Feed, feedstuffs and, food	Determination of total carbohydrates after hydrolyses; HPLC-PAD detection	ANAL-10204 in house method	V

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57	Feed, feedstuffs and, food, milk and dairy products	Determination of the content of dioxins (PCDD's) dibenzofurans (PCDF's) and dioxin like PCB's and non dioxine like PCB's; GC-MS/MS:  Dibenzo-p-dioxines (PCDD's): 2,3,7,8-TCDD 1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD  Dibenzo-furans (PCDF's): 2,3,7,8-TCDF 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,6,7,8-HpCDF 1,2,3,4,7,8,9-HpCDF OCDF  non dioxine like PCB's: PCB-28, PCB-52, PCB-101, PCB-138, PCB-153, PCB-180 and sum NDLCB	ANAL-10463 in house method	V
58	Feed and feedstuffs, nuts, grains and fruit	Determination of mycotoxins; LC-MS/MS detection: aflatoxin B1, B2, G1, G2, fumonisin B1 and B2, deoxynivalenol, ochratoxin, T2-toxin, HT2-toxin and zearalenon	ANAL-10370 in house method	V
59	Milk and dairy products Infant formula (based on milk)	Determination of aflatoxin M1 content, LC-MS/MS	ANAL-10516 in house method	V
60	Feed and feedstuffs, food	Determination of Polycyclic Aromatic Hydrocarbons (PAH's); GC-MS or GC-MS/MS Benzo(a)pyrene, chrysene, benzo(a)anthracene, benzo(k)fluranthene and the sum of 4 PAH's	ANAL-10047 in house method	V
61	Feed and feedstuffs	Determination of pesticides; GC-MS/MS:	ANAL-10506 in house method	V

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		Acetochlor Acrinathrin Alachlor Aldrin Allidochlor Anthraquinone Atrazine Azinphos ethyl Azinphos-methyl Azoxystrobin Benfluralin Bifenox Bifenthrin  Bromfenvinphos-methyl Bromophos-ethyl Bromophos-methyl Bromopropylate Bupirimate Carbophenothion  Chlorbenside Chlordane-cis Chlordane-trans Chlorfenapyr Chlorfenson (Ovex) Chlorfenvinphos-som (2+1) Chlorobenzilate Chloroneb  Chlorpropham Chlorpyrifos-ethyl Chlorpyrifos-methyl Chlorthal-dimethyl (DCPA methyl ester) Chlorthiophos-som (3+2+1) Chlozolate Clomazone (Command) Coumafos Cycloate  Cyfluthrin-som Cyhalothrin-lambda Cypermethrin- som	Heptachlorepoxyde-cis (Isomer A) Heptachlorepoxyde-trans (Isomer B) Hexachlorobenzene Hexazinone Iodofenphos Iprodione Isazophos Isodrin Isopropalin Lenacil Leptophos Linuron Malathion Metalaxyl Metazachlor  Methacrifos Methoxychlor Methoxychlor-olefin, 4,4'- Metolachlor Mevinphos MGK-264-som (1+2) Mirex Myclobutanil Nitralin Nitrofen Nonachlor-cis  Norflurazon Oxadiazon Oxyfluorfen Paclobutrazol Parathion-ethyl Parathion-methyl Pebulate  Penconazole Pendimethalin  Pentachloroaniline Pentachloroanisole Pentachlorobenzene Pentachlorobenzonitrile Pentachlorothioanisole Permethrin-cis		

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		Cyprodinil DDD-o,p DDD-pp DDE-o,p DDE-p,p DDT-o,p DDT-p,p Deltamethrin Diallate-som (2+1) Diazinon Dichlobenil (Dichlorobenzonitrile, 2,6-) Dichlofluanid Dichloran Dichloroaniline, 3,4- Dichlorobenzophenon e, 4,4'- (Dicofol als) Dieldrin Dimethachlor Dimethylphenyl- formamide, N-(2,4-) Diphenamid Diphenylamine Disulfoton Edifenphos Endosulfan-ether Endosulfan-alpha (I) Endosulfan-beta (II) Endrin EPN Ethalfluralin Ethion Ethylan (Perthane) Etofenprox Etridiazole Fenamiphos Fenarimol Fenchlorphos (Ronneel) Fenitrothion Fenpropathrin Fenson Fenthion Fenvalerate-som (1+2) Fipronil Fluazifop-p-butyl	Permethrin-trans Phenothrin-som (2+1) Phenylphenol, 2- Phorate Phosalone Phosmet Piperonyl butoxide Pirimiphos-ethyl Pirimiphos-methyl Pretilachlor Prochloraz Procymidone Prodiamine Profenofos Profluralin Propachlor Propanil Propargite Propisochlor Propyzamide Pyraclofos Pyrazophos Pyridaben Pyridaphenthion Pyrimethanil Pyriphenox-som (1+2) Pyriproxyfen Quinalphos Quintozene Resmethrin-som (2+1) Sulfotep Sulprofos Tebuconazole Tebufenpyrad Tecnazene Tefluthrin Terbacil Terbufos Terbutylazine Tetrachloroaniline, 2,3,5,6- Tetrachlorvinfos Tetradifon Tetrahydrophthalimide		



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		Fluchloralin Flucythrinate-som (1+2) Fludioxonil Fluquinconazole Fluridone (Sonar) Flusilazole  Flutriafol Fluvalinate (tau)-som Folpet Fonofos HCH-alfa HCH-beta HCH-delta HCH-gamma (Lindane) Heptachlor	Tetramethrin-som (2+1) Tolclofos-methyl Tolyfluanid Toxaphen P26 Toxaphen P50 Toxaphen P62 Transfluthrin Triadimefon Triadimenol Triallate Triazophos Tricyclazole Triflumizole Trifluralin Vinclozolin	

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<b>Molecular biological analyses</b>				
62	Feed and feedstuffs	Detection of ruminant DNA; real time PCR	ANAL-10491 Commission Regulation (EU) No. 51/2013 EURL-AP Standard Operating Procedure.	V
63		Detection of bovine DNA; real time PCR	ANAL-10331 in house method	V
<b>Microbiological analyses</b>				
64	Feed and feedstuffs, food milk and dairy products, environmental samples	Enumeration of yeasts and moulds; pour plate and/or spiral plate technique	ANAL-10165 ISO 7954:1987  Milk and dairy products: NEN ISO 6611 Environmental samples: in house method	V
65	Feed and feedstuffs, food, milk and dairy products and environmental samples	Enumeration of yeasts and moulds; pour plate and/or spiral plate technique, Symphony Agar	ANAL-10545 NEN-ISO 21527-1 and 21527-2 (AFNOR BKR 23/11-12/18) Environmental samples: in house method	V
66	Feed and feedstuffs, food, milk and dairy products	Enumeration of aerobic bacteria at 30°C; pour plate and/or spiral plate technique	ANAL-10196 NEN-EN-ISO 4833-1 NEN-EN-ISO 4833-2	V
67	Feed and feedstuffs	Detection of anti-bacterial compounds; inhibition test	ANAL-10179 in house method	V
68	Feed and feedstuffs, food, milk and dairy products and environmental samples	Enumeration of <i>Enterobacteriaceae</i> at 37°C; pour plate and/or spiral plate technique	ANAL-10215 NEN-EN-ISO 21528-2	V
69	Milk and dairy products	Detection of coagulase positive staphylococci; detection method	ANAL-10226 NEN-EN-ISO 6888-3	V
70	Milk and dairy products	Enumeration of coagulase positive staphylococci; pour plate and/or spiral plate technique, RPF	ANAL-10225 NEN-EN-ISO 6888-2	V
71	Feed and feedstuffs, milk and dairy products	Enumeration of <i>Clostridium perfringens</i> ; pour plate and/or spiral plate technique	ANAL-10221 NEN-EN-ISO 7937	V

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72	Feed and feedstuffs, food, milk and dairy products, environmental samples and compost	Detection of <i>Salmonella spp.</i> ; detection method, IQ Check II real-time PCR	ANAL-10208 NEN-EN- ISO 6579-1 (AFNOR BRD 07/06-07/04) compost: in house method	V
73	Feed and feedstuffs, environmental samples, milk and dairy products	Detection of <i>Salmonella spp.</i> ; detection method, MSRV	ANAL-10188 in house method	V
74	Feed and feedstuffs, food, milk and dairy products	Enumeration of <i>Escherichia coli</i> ; pour plate and/or spiralplate technique	ANAL-10220 NEN-EN-ISO 16649-2	V
75	Milk and dairy products	Enumeration of coliforms at 30°C; pour plate and/or spiral plate technique	ANAL-10378 NEN-ISO 4832	V
76	Milk and dairy products and environmental samples	Detection of <i>Cronobacter spp.</i> ; detection method	ANAL-10311 NEN-EN-ISO 22964	V
77	Feed and feedstuffs, food, milk and dairy products	Enumerastion of presumptive <i>Bacillus cereus</i> and/or <i>Bacillus cereus</i> spores; pour plate and/or spiral plate technique	ANAL-10537 NEN-EN-ISO 7932 (AFNOR BKR 23/06-02/10)	V
78	Feed and feedstuffs, food, milk- and dairy products	Enumeration of sulphite reducing clostridia and/or spores of sulphite reducing clostridia; pour plate and/or spiral plate technique	ANAL-10383 NEN-ISO 15213	V
79	Feed and feedstuffs, milk- and dairy products	Detection of <i>Enterobacteriaceae</i> ; detection method	ANAL-10247 NEN-EN-ISO 21528-1	V
80	Milk and dairy products	Detection of coliforms; detection method	ANAL-10499 NEN-EN-ISO 11866-1	V
81		Detection of <i>E. coli</i> ; detection method	ANAL-10499 NEN-EN-ISO 11866-1	V
82	Food, milk and dairy products and environmental samples	Detection of <i>Listeria monocytogenes</i> ; detection method, half-Fraser, RAPID`L.mono	ANAL-10498 NEN-EN-ISO 11290-1 (AFNOR BRD 07/04-09/98)	V

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83	Environmental samples	Detection of <i>Listeria spp.</i> ; detection method, half-Fraser, RAPID`L.mono	ANAL-10498 NEN-EN-ISO 11290-1 (AFNOR BRD 07/04-09/98)	V
84	Milk and dairy products	Enumeration of psychrotrophic microorganisms; pour plate and/or spiral plate technique	ANAL-10501 ISO 6730:2005	V
85		Enumeration of thermoresistant microorganisms; pour plate and/or spiral plate technique	ANAL-10502 NEN6807	V
86		Enumeration of thermophilic microorganisms; pour plate and/or spiral plate technique	ANAL-10503 in house method	V
87		Enumeration of spores of thermophilic aerobic spore-forming bacteria; pour plate and/or spiral plate technique	ANAL-10517 NEN 6809	V
88	Feed and feedstuffs, food (including cacao products), milk and dairy products, poultry meat and environmental samples	Detection of <i>Salmonella spp.</i> ; detection method, MDS, LAMP technique.	ANAL-10518 in house method	V
89	Milk (cow and goat) wheyprotein-concentrate, lactose, and goat milk powder and cheese products	Detection of anti-bacterial residues, (DELVO-test); diffusionstest	ANAL-10223 in house method	V