

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: **24-04-2024** to **01-06-2025**

Replaces annex dated: **13-12-2023**

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 ¹	Internal reference number	Location
Inorganic analyses (wet chemistry)				
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

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-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 (α -tocopherol-acetate) content; HPLC-FLU detection	ANAL-10015 in house method	V

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No.	Material or product	Type of activity ¹	Internal reference number	Location
45		Determination of total and/or free 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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No.	Material or product	Type of activity ¹	Internal reference number	Location
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 Pentachlorobenzonitril e 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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Molecular biological analyses				
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
Microbiological analyses				
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); diffusion test	ANAL-10223 in house method	V