Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 059**

of **TLR International Laboratories**

This annex is valid from: **26-08-2026** to **01-02-2028** Replaces annex dated: **20-05-2026**

Location(s) where activities are performed under accreditation

Head Office

Handelsweg 70
2988 DB
Ridderkerk
The Netherlands

Location	Abbreviation/ location code
Handelsweg 70 2988 DB Ridderkerk The Netherlands	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
		Sampling		
a.	Vegetables, fruits and herbs and spices	Sampling for pesticide residue monitoring (with internal reference number TL512.40)	TL102.01 EU 2002/63	R
b.	Plant parts not intended for consumption	Sampling for pesticide residue monitoring (with internal reference number TL512.40)	TL102.01 in-house method	R
		Sample pre-treatment for several parameters		
--	Solid mineral fuels	Sample preparation of solid mineral fuels for analysis of physical/chemical parameters	TL222.02 NEN-ISO 18283 NEN-ISO 13909-4	R

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 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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--	Biomass (wood, residues from food and tobacco industry for generating energy), solid biofuels and solid secondary biofuels	Sample preparation of biomass, solid biofuels and solid secondary biofuels for analysis of physical/chemical parameters	TL272.01 NEN-EN-ISO 14780 NEN-EN-ISO 21646	R
		Inorganic analyses (wet-chemical/physical)		
1.	Animal feeding stuffs	Determination of moisture; 4 hours drying at 103 °C, gravimetric method	TL312.01A EC 152/2009 Annex III-A VDLUFA III (3.1)	R
2.	Cereals, flours, groats and meal	Determination of moisture; 2 hours drying at 130 °C, gravimetric method	TL312.01C EC 152/2009 Annex III-A VDLUFA III (3.1)	R
3.	Compound feeding stuffs containing more than 4% of sucrose or lactose and compound feeding stuffs containing more than 25% of mineral salts including water of crystallisation	Determination of moisture at 80 °C in a vacuum oven; gravimetric method	TL312.01B EC 152/2009 Annex III-A VDLUFA III (3.1)	R
4.	Meat and meat products	Determination of the content of moisture; gravimetric method	TL312.01F NEN-ISO 1442	R
5.	Fish and fish products	Determination of the content of moisture; gravimetric method	TL312.01F in-house method	R
6.	Single animal feed of plant origin	Determination of crude fat; direct extraction, gravimetric method	TL312.02A EC 152/2009 Annex III-G, method A VDLUFA III (5.1.1), procedure A	R
7.	Raw material for animal feeding stuffs and animal feeding stuffs	Determination of crude fat; direct extraction, gravimetric method	TL312.02A in-house method	R
8.	Single animal feed of animal origin, all composed feeding stuffs and products of which the fat content cannot be obtained without acid hydrolysis	Determination of fat; after acid hydrolysis, gravimetric method	TL312.02B EC 152/2009 Annex III-G, method B VDLUFA III (5.1.1), procedure B	R

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9.	Raw material for animal feeding stuffs and animal feeding stuffs	Determination of fat; after acid hydrolysis, gravimetric method	TL312.02B in-house method	R
10.	Meat and meat products	Determination of the content of total fat; after acid hydrolysis, gravimetric method	TL312.02D NEN-ISO 1443	R
11.	Fish and fish products	Determination of the content of total fat; after acid hydrolysis, gravimetric method	TL312.02D in-house method	R
12.	Animal feeding stuffs	Determination of crude protein; titrimetric method	TL312.03A EC 152/2009 Annex III-C VDLUFA III (4.1.1)	R
13.	Raw materials for animal feeding stuffs	Determination of crude protein; titrimetric method	TL312.03A in-house method	R
14.	Soybeans and soybean products	Determination of Protein Dispersibility Index (PDI); titrimetric method	TL312.03B AOCS Official method Ba 10-65	R
15.	Meat and meat products	Determination of the nitrogen content (calculated as protein); titrimetric method	TL312.03C NEN-ISO 937	R
16.	Fish and fish products	Determination of the nitrogen content (calculated as protein); titrimetric method	TL312.03C in-house method	R
17.	Oil seeds and raw material for animal feeding stuffs	Determination of the nitrogen content and the calculation of crude protein content; Dumas	TL312.03G NEN-EN-ISO 16634-1	R
18.	Cereals, legumes and ground grain products	Determination of the nitrogen content and the calculation of crude protein content; Dumas	TL312.03G NEN-EN-ISO 16634-2	R
19.	Raw materials for animal feeding stuffs and animal feeding stuffs	Determination of crude fibre content; gravimetric method	TL312.04A NEN-EN-ISO 6865 EC 152/2009 Annex III-I VDLUFA III (6.1.1)	R
20.	Animal feeding stuffs	Determination of crude ash; gravimetric method	TL312.05 EC 152/2009 Annex III-M VDLUFA III (8.1)	R
21.	Raw materials for animal feeding stuffs	Determination of crude ash; gravimetric method	TL312.05 in-house method	R
22.	Meat and meat products	Determination of the content of total ash; gravimetric method	TL312.05B NEN-ISO 936	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
23.	Fish and fish products	Determination of the content of total ash; gravimetric method	TL312.05B in-house method	R
24.	White sugar, speciality sugar and plantation white sugar	Determination of the content of ash; conductrometry	TL312.36 ICUMSA GS2-17	R
25.	Raw sugar, brown sugar, juice, syrup and molasses	Determination of the content of ash; conductrometry	TL312.37 ICUMSA GS1-13	R
26.	Animal feeding stuffs	Determination of starch; polarimetric method	TL312.06A EC 152/2009 Annex III-L VDLUFA III (7.2.1)	R
27.	Raw materials for animal feeding stuffs	Determination of starch; polarimetric method	TL312.06A in-house method	R
28.	Animal feeding stuffs	Determination of sugar; titrimetric method	TL312.07 EC 152/2009 Annex III-I, VDLUFA III (7.1.1)	R
29.	Raw materials for animal feeding stuffs	Determination of sugar; titrimetric method	TL312.07 in-house method	R
30.	Animal feeding stuffs	Determination of ash insoluble in hydrochloric acid (sand/silica); gravimetric method	TL312.05 EC 152/2009 Annex III-N	R
31.	Raw materials for animal feeding stuffs	Determination of ash insoluble in hydrochloric acid (sand/silica); gravimetric method	TL312.05 in-house method	R
32.	Oils and fats of plant and animal origin	Determination of acid value and acidity (free fatty acid / FFA); titrimetric method	TL382.10A ISO 660 Method 9.1	R
33.		Determination of moisture and volatile matter content; gravimetric method	TL382.15 NEN-EN-ISO 662	R
34.	Oils and fats of plant and animal origin	Determination of iodine value; titrimetric method	TL382.14 ISO 3961	R
35.		Determination of unsaponifiable matter; diethyl ether extraction	TL382.19 NEN-EN-ISO 3596	R
36.		Determination of peroxide value; titrimetric method	TL382.24A NEN-EN-ISO 3960	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
37.	Oils and fats of plant and animal origin	Determination of insoluble impurities content; gravimetric method	TL382.22 NEN-EN-ISO 663	R
38.		Determination of saponification value; titrimetric method	TL382.28 NEN-EN-ISO 3657	R
39.	Soybean products	Determination of urease activity; titrimetric method	TL312.22 ISO 5506 NEN 3557	R
40.	Raw materials for animal feeding stuffs and animal feeding stuffs	Determination of urease activity; titrimetric method	TL312.22 in-house method	R
41.	Fish and fish products	Determination of the content of total volatile basic nitrogen (TVB-N); titrimetric method	TL312.24 EU2074/2005 section II, chapter III	R
42.	Vegetables and vegetable products	Determination of nitrate; ion-exchange chromatography	TL412.11 NEN-EN 12014-2	R
43.	Fruits	Determination of nitrate; ion-exchange chromatography	TL412.11 in-house method (analysis NEN-EN 12014-2)	R
44.	Cereals, wheat, rye and their flours	Determination of the falling number; Hagberg-Perten	TL312-09 NEN-EN-ISO 3093	R
45.	Food (except white cabbage, dried garlic, dried onions, ginger, leek and soy proteins)	Determination of sulfite; Monier Williams	TL412.10 NEN-EN 1988-1	R
46.	Animal feeding stuffs and raw materials for animal feeding stuffs	Determination of fluoride (F) and chloride (Cl); ion-exchange chromatography	TL412.14 in-house method	R
47.	Cereals, fruits and vegetables	Determination of inorganic bromide (Br); ion-exchange chromatography	TL412.14 NEN-EN 13191-1	R
48.	Animal feeding stuffs	Determination of fluoride content after hydrochloric acid treatment; ionsensitive electrode method (ISE)	TL412.18 NEN-EN 16279	R
		Inorganic analyses (elementanalyses)		
49.	Foodstuffs	Determination of iodine; ICP-MS	TL412.12D NEN-EN 15111	R

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50.	Raw materials for animal feeding stuffs and animal feeding stuffs	Determination of iodine; ICP-MS	TL412.12D in-house method (analysis NEN-EN 15111)	R
51.	Foodstuffs of plant and marine origin	Determination of total inorganic arsenic; HPLC-ICP-MS	TL412.01A NEN-EN 16802	R
52.	Feed and feed materials	Determination of total inorganic arsenic; LC-ICP-MS	TL412.01A NEN-EN 17374	R
53.	Food, oils and fats	Determination of elements; after digestion (HNO_3) and ICP-MS cadmium (Cd), lead (Pb), arsenic (As)	TL412.12 digestion: NEN-EN 13805 analysis: NEN-EN 15763	R
54.	Foodstuffs, oils and fats	Determination of elements; after digestion (HNO_3) and ICP-MS vanadium (V), cobalt (Co), nickel (Ni), zinc (Zn), manganese (Mn), iron (Fe), copper (Cu), chromium (Cr)	TL412.12 in-house method (digestion NEN-EN 13805)	R
55.	Raw materials for animal feeding stuffs and animal feeding stuffs, oils and fats	Determination of elements; after digestion (HNO_3) and ICP-MS cadmium (Cd), lead (Pb), arsenic (As), vanadium (V), cobalt (Co), nickel (Ni), zinc (Zn), manganese (Mn), iron (Fe), copper (Cu), chromium (Cr)	TL412.12 in-house method	R
56.	Food, animal feeding stuffs and raw materials for animal feeding stuffs	Determination of the content of elements; after digestion (HNO_3) and ICP-MS sodium (Na), potassium (K), magnesium (Mg), zinc (Zn), calcium (Ca), phosphorus (P), manganese (Mn), aluminium (Al)	TL412.16 in-house method	R
57.	Animal feeding stuffs and raw materials for animal feeding stuffs	Determination of mercury (Hg); direct thermal decomposition CV-AAS	TL412.17 NEN-EN 16277	R
58.	Foodstuffs	Determination of mercury (Hg); direct thermal decomposition CV-AAS	TL412.17 NEN-EN 15763	R
59.	Animal and vegetable fats and oils	Determination of the content of elements and ICP-MS silver (Ag), arsenic (As), calcium (Ca), cadmium (Cd), chromium (Cr), copper (Cu), iron (Fe), potassium (K), magnesium (Mg), manganese (Mn), molybdenum (Mo), sodium (Na), nickel (Ni), phosphorus (P), lead (Pb), antimony (Sb), selenium (Se), tin (Sn), titanium (Ti), vanadium (V) and zinc (Zn)	TL412.19 in-house method	R

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		Organic analyses		
60.	Raw materials for animal feeding stuffs and animal feeding stuffs	Determination of dioxins (PCDD's), dibenzufurans (PCDF's), non-ortho-PCB's and mono-ortho PCB's: GC-HRMS *Dibenzo-p-dioxins (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 *Dibenzofurans (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-ortho-PCB's* PCB 77 PCB 81 PCB 126 PCB 169 *Mono-ortho-PCB's* PCB 105 PCB 114 PCB 118 PCB 123 PCB 156 PCB 157 PCB 167 PCB 189	TL512.10B NEN-EN 16215, EU 771/2017	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
61.	Oils and fats from plant animal origin and eggs	Determination of dioxins (PCDD's), dibenzufurans (PCDF's), non-ortho-PCB's and mono-ortho PCB's: GC-HRMS *Dibenzo-p-dioxins (PCDD's):* *Non-ortho-PCB's* 2,3,7,8-TCDD — PCB 77 1,2,3,7,8-PeCDD — PCB 81 1,2,3,4,7,8-HxCDD — PCB 126 1,2,3,6,7,8-HxCDD — PCB 169 1,2,3,7,8,9-HxCDD 1,2,3,4,6,7,8 HpCDD *Mono-ortho-PCB's* OCDD — PCB 105 PCB 114 *Dibenzofurans (PCDF's)* — PCB 118 2,3,7,8-TCDF — PCB 123 1,2,3,7,8-PeCDF — PCB 156 2,3,4,7,8-PeCDF — PCB 157 1,2,3,4,7,8-HxCDF — PCB 167 1,2,3,6,7,8-HxCDF — PCB 189 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	TL512.10B in-house method (analysis NEN-EN 16215 and EU 644/2017)	R
62.	Foodstuffs of plant origin, glycerine, fatty acids, feed and its raw materials	Analysis of ethanol and methanol; headspace-analysis GC-MS	TL512.32 in-house method	R
63.	Oils and fats from plant origin	Determination of mineral oil (C10-C40); GC-FID	TL512.17 VVR-bundle feed part II OSP 15	R
64.		Determination of mineral oil (C10-C25); GC-FID	TL512.17 in-house method (analysis: VVR-bundle feed part II OSP 15)	R
65.	Raw materials for animal feeding stuffs	Determination of mineral oil (C10-C40); GC-FID	TL512.17 in-house method (analysis: VVR-bundle feed part II OSP 15)	R
66.	Non-fatty crops	Determination of dithiocarbamate and thiuramdisulfide residues (as CS2); GC-MS	TL512.19 NEN-EN 12396-2	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
67.	Low-fat foods, low-fat animal feed, low-fat materials for food and animal feeding stuffs	Determination of content of PAHs and PCBs; GC-MS/MS naphthalene 1-Methylnaphthalene 2-Methylnaphthalene Acenaphthylene acenaphthene Fluorene Phenanthrene Anthracene Fluoranthene Pyrene Benzo(c)fluorene Benzo(a)anthracene Chrysene 5-Methylchrysene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(j)fluoranthene Benzo(e)pyrene Benzo(a)pyrene Dibenzo(a,h)anthracene Indeno(1,2,3-c,d)pyrene Benzo(g,h,i)perylene Dibenzo(a,l)pyrene Dibenze(a,e)pyrene Dibenzo(a,i)pyrene PCB 18 PCB 28 PCB 31 PCB 44 PCB 52 PCB 101 PCB 118 PCB 138 PCB 149 PCB 153 PCB 170 PCB 180	TL512.04A In-house method	R

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68.	Animal and vegetable fats and oils	Determination of PAH's; DACC-HPLC-fluorescence detector 5-methylchrysene Acenaphthene Anthracene Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[c]fluorene Benzo[ghi]perylene Benzo[j]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzo[a,e]pyrene Dibenzo[a,l]pyrene Fluoranthene Indeno[1,2,3-cd]pyrene Phenanthrene Pyrene	TL512.04B NEN-EN-ISO 22959	R
69.	Food, feed and their raw materials	Determination of PAH's; DACC-HPLC-fluorescence detector 5-methylchrysene Acenaphthene Anthracene Benz[a]anthracene Benzo[a]pyrene Benzo[b]fluoranthene Benzo[c]fluorene Benzo[ghi]perylene Benzo[j]fluoranthene Benzo[k]fluoranthene Chrysene Dibenz[a,h]anthracene Dibenzo[a,e]pyrene Dibenzo[a,l]pyrene Fluoranthene Indeno[1,2,3-cd]pyrene Phenanthrene Pyrene	TL512.04B in-house method (performance sample pre-treatment: in-house method, performance analysis: NEN-EN-ISO 22959)	R

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70.	Spices and spice extracts	Determination of dyes; LC-MS/MS Rhodamine B CAS 81-88-9 Butter yellow CAS 60-11-7 Fast Garnet GBC CAS 97-56-3 Para Red CAS 6410-10-2 Toludine Red CAS 2425-85-6 Sudan Red G CAS 1229-55-6 Sudan Red7B CAS 6368-72-5 Sudan I CAS 842-07-9 Sudan II CAS 3118-97-6 Sudan III CAS 85-86-9 Sudan IV CAS 85-83-6	TL512.08 in-house method	R
71.	Dairy and dairy-containing products	Determination of aflatoxin M1; LC-MS/MS	TL512.03 in-house method	R
72.	Food (including vegetables and fruits), raw materials for foodstuffs, animal feeding stuffs and raw materials for feeding stuffs	Determination of mycotoxins; LC-MS/MS Deoxynivalenol (DON) / Vomitoxine 3-acetyl-DON Fumonisin B1 Fumonisin B2 Aflatoxine B1 Aflatoxine B2 Aflatoxine G1 Aflatoxine G2 α-Zearalenol β-Zearalenol Diacetoxyscripenol DAS) Zearalenon (ZEA) Ochratoxine A (OTA) Sterigmatocystin HT-2 Toxine T-2-Toxine	TL512.03 in-house method	R
73.	Apples and apple products	Determination of patulin content; LC-MS/MS	TL512.07 in-house method	R
74.	Animal feeding stuffs, raw materials for feeding stuffs and milk powder	Determination of melamine and cyanuric acid; LC-MS/MS	TL512.09 in-house method	R
75.	Non-fatty food of plant origin	Determination of chlormequat and mepiquat; LC-MS/MS	TL512.12 NEN-EN 15055	R
76.	Raw materials for animal feeding stuffs and animal feeding stuffs	Determination of chlormequat and mepiquat; LC-MS/MS	TL512.12 in-house method (analysis: NEN-EN 15055)	R
77.	Low fat crops[3] (except rice and rice products)	Determination of didecyl dimethyl ammonium chloride (DDAC) and benzalkonium-chloride (BAC); LC-MS/MS	TL512.31 in-house method	R

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78.	Raw materials for animal feeding stuffs and animal feeding stuffs	Determination of hydrocyanic acid; LC-MS/MS	TL512.30 NEN-EN 16160	R
79.	Food and their raw materials	Determination of hydrogen cyanide; LC-MS/MS	TL512.30 in house method	R
80.	Food and feed and their raw materials	Determination of glyphosate; LC-MS/MS	TL512.15 in-house method	R
81.	Crops[3], food (including potatoes, vegetables and fruits), foodstuffs (including eggs, meat and fish), raw materials for foodstuffs, food and feed and their raw materials	Determination of polar pesticide content; LC-MS/MS method Phosponic acid, Chlorate, Perchlorate, fosetyl, Ethephon-hydroxy (HEPA), Ethephon, Glufosinate, N-Acetyl-glufosinate.	TL512.18 in-house method	R

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82.	Animal feed and animal feedingstuffs	Determination of antibiotics, coccidiostatics en anthelminthics;. LC-MS/MS **Antibiotics:** **β-lactam penicillins:** Amoxicillin, Ampicillin, Penicillin G, Penicillin V, Cloxacillin, Dicloxacillin, Nafcillin, Oxacillin, Cefalexin, Cefapirin, Cefquinome, Cefradine, Ceftiofur, Cefuroxime, Cefalotin, Cefazolin, Cefoperazone. **Quinolons:** Ciprofloxacin, Danofloxacin, Difloxacin, Enrofloxacin, Flumequine, Marbofloxacin, Nalidixic acid, Norfloxacin, Oxolinic acid, Sarafloxacin, Cinoxacin. **Macrolids:** Erythromycin, Spiramycin, Tilmicosin, Tylosin, Tylvalosin, Gamithromycin, Josamycin **Fenicols:** Thiamphenicol, Florfenicol, Chloramphenicol **Tetracyclins:** Chlortetracycline, Doxycycline, Oxytetracycline, Tetracycline **Pluromulin:** Tiamulin, Valnemulin **Lincosamids:** Lincomycin **Sulfonamids:** Sulfabenzamide, Sulfachloropyridazine, Sulfadimethoxine, Sulfadiazine (=Sulfapyrimidin), Sulfadimidine (=Sulfamethazin), Sulfadoxine, Sulfamerazine, Sulfamethizole, Sulfamethoxazole, Sulfamethoxypyridazine, Sulfamonomethoxine, Sulfamoxole, Sulfaquinoxaline, Sulfathiazole, Sulfisoxazole, Dapsone. **Other:** Trimethoprim, Zinc Bacitracin **Coccidiostatics:** Clopidol (=Meticlorpindol), Amprolium, Halofuginone, Robenidine, Decoquinate, Salinomycin, Narasin, Maduramicin, Lasalocid, Monensin, Diclazuril, Nicarbazin **Anthelminthics:** Flubendazole **Macrolids/Streptogramins:** Virginiamycin M1, Virginiamycin S1	TL512.38B in-house method	R
83.	Poppy seed	Determination of morphine and codeine; LC-MS/MS	TL512.14 in-house method	R
84.	Food (including fruits & vegetables), feed and their raw materials; from plant origin	Determination of diquat and paraquat; LC-MS/MS	TL512.49 in-house method	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
		Microbiological analyses		
85.	Animal feeding stuffs and food	Enumeration of *Bacillus cereus*; platetechnique	TL752.05 NEN-EN-ISO 7932	R
86.		Enumeration of β-glucuronidase-positive Escherichia coli; colony count technique	TL752.06 NEN-ISO 16649-2	R
87.	Salmonella isolates from feed, food and environmental samples	Serotyping of Salmonella isolates; PCR S. Abaetetuba, S. Agona, S.Alachua, S. Albany, S. Anatum, S. Bovismorbificans, S. Braenderup, S. Brandenburg, S. Bredeney, S. Cerro, S. Choleraesuis, S. Corvallis, S. Cubana, S. Derby, S. Dublin, S. Enteritidis, S. Gallinarum, S. Give, S. Goldcoast, S. Hadar, S. Havana, S. Heidelberg, S. Idikan, S. Infantis, S. Javiana, S. Kentucky, S. Livingstone, S. London, S. Mbandaka, S. Minnesota, S. Molade, S. Montevideo, S. Muenchen, S. Muenster, S. Newport, S. Ohio, S. Oranienburg, S. Orion, S. Ouakam, S. Panama, S. Paratyphi B (possibly Java), S. Poona, S. Pullorum, S. Reading, S. Rissen, S. Saintpaul, S. Sandiego, S. Schwarzengrund, S. Senftenberg, S. Stanley, S. Tennessee, S. Thompson, S. Typhimurium, S. Uganda, S. Virchow, S. Worthington, S. Yoruba, monophasic variant of Salmonella Typhimurium (1,4,[5],12:i:-), S. 4,[5],12:d:-	TL762.14B ISO/TR 6579-3 (MicroVal 2021LR107)	R
88.	Animal feeding stuffs, food and environmental samples	Detection of Salmonella; detection technique	TL762.01A NEN-EN-ISO 6579-1	R
89.		Detection of Salmonella; detection technique, confirmation using MALDI-TOF	TL762.01A Detection: NEN-EN-ISO 6579-1 Confirmation: NEN-EN-ISO 6579-1 (MicroVal 2017LR73)	R
90.	Animal feeding stuffs and food	Enumeration of micro-organisms; colony count technique	TL752.04 NEN-EN-ISO 4833-1	R
91.		Enumeration of Enterobacteriaceae; colony count technique	TL752.02 NEN-EN-ISO 21528-2	R
92.	Food (except garlic), animal feed and environmental samples	Detection of Salmonella; detection technique; PCR	TL762.01E NEN-EN-ISO 6579-1 (Microval 2011-LR40) Environmental samples: own method	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
93.	Food (except garlic), animal feed	Detection of Salmonella; confirmation using MALDI-TOF, detection technique; PCR	TL762.01E Detection: NEN-EN-ISO 6579-1 (Microval 2011-LR40) Confirmation: NEN-EN-ISO 6579-1 (MicroVal 2017LR73)	R
94.	Animal feeding stuffs and food products	Enumeration of Enterobacteriaceae; colony count technique	TL752.02B NEN-EN-ISO 21528-2: (AFNOR 3M 01/6-09/97)	R
95.	Animal feeding stuffs and food	Enumeration of yeasts and moulds; colony count technique	TL752.03D NEN-EN-ISO 21527-1 NEN-EN-ISO 21527-2 (AFNOR BKR 23/11-12/18)	R
96.	Animal feeding stuffs and food	Enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species); colony count technique, BP-RPF	TL752.09 NEN-EN-ISO 6888-2	R
97.		Enumeration of Clostridium perfringens at 37 °C; colony count technique	TL752.10 ISO 15213-2	R
98.		Enumeration of mesophilic lactic acid bacteria colony count technique	TL752.11 ISO 15214	R
99.	Food (except dairy products and raw shellfish) and animal feed	Enumeration of micro-organisms; colony count technique	TL752.04B NEN-EN-ISO 4833-1: (AFNOR 3M 01/1-09/89)	R
100.	Food and animal feed	Enumeration of β-glucuronidase-positive Escherichia coli; colony count technique	TL752.06B NEN-EN-ISO 16649-2: (AFNOR 3M 01/08-06/01)	R
101.	Food (except raw shellfish) and animal feed	Enumeration of Coliforms; colony count technique	TL752.15 NEN-EN-ISO 4832: (AFNOR 3M 01/2-09/89A)	R
102.	Animal feeding stuffs and food	Enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species); colony count technique	TL752.09B NEN-EN-ISO 6888-2 (AFNOR 3M 01/09-04/03B)	R
103.	Foods and environmental samples	Detection of *Listeria* monocytogenes; PCR	TL762.20D ISO 11290-1 (AFNOR BRD 07/10-04/05)	R
104.	Food products and environmental samples	Detection of Listeria monocytogenes; detection technique	TL762.20A NEN-EN- ISO 11290-1 (AFNOR BRD 07/16-01/09)	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
105.	Food products and environmental samples	Detection of Listeria monocytogenes; confirmation using MALDI-TOF, detection technqiue	TL762.20A Detection: NEN-EN-ISO 11290-1 (AFNOR BRD 07/16-01/09) Confirmation: NEN-EN-ISO 11290-1 (MicroVal 2017LR75)	R
106.		Enumeration of Listeria monocytogenes; colony count technique	TL752.20B NEN-EN ISO 11290-2 (AFNOR BRD 07/17-01/09)	R
107.	Animal feeding stuffs	Enumeration of Listeria monocytogenes~~;~~	TL752.20B in-house method	R
108.	Salmonella isolates from animal feeding stuffs, food products and environmental samples	Molecular serotyping of *Salmonella*; PCR and DNA-microarray	TL762.14 AOACcertificate 121001 OIEcertificate 20010106	R
109.	Meat and meat products, potatoes, vegetables and fruits, seeds and beans (except garlic and citrus fruits) and environmental samples (spent irrigation water)	Screening for Shigatoxin producing E. coli (STEC/EHEC) bacteria; detection technique; PCR	TL762.34 in-house method	R
110.		Confirmation and serotyping of pooled and individual E. coli (STEC/EHEC) suspected colonies on stx and eae genes and serotypes (O26, O45, O103, O104, O111, O121, O145, O157, O174); detection technique, PCR and PCR melting curve analysis	TL762.34 in-house method	R
111.	Animal feeding stuffs and raw materials for feeding stuffs	Detection of Campylobacter (procedure A); detection technique	TL762.18 isolation: NEN-EN-ISO 10272-1 confirmation: NEN-EN-ISO 10272-1 (Microval 2017LR74)	R
112.	Vegetables, fruit and shell fish	Detection of Norovirus (GI and GII); detection technique; PCR	TL762.43A/B/C NEN-EN-ISO 15216-2	R
113.		Detection of Hepatitis A; detection technique; PCR	TL762.43A/B/C NEN-EN-ISO 15216-2	R
114.	Food	Detection of botulinum type A, B, E and F neurotoxin-producing clostridia; detection technique; PCR	TL762.50 in-house method	R
		Analyses allergen		
115.	Raw materials, spices and processed products	Quantitative determination of gluten (gliadin x2); ELISA	TL742.19 AOAC-method 2012.01 (extraction R5-Mendez method)	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
116.	Food	Quantitative determination of casein; ELISA	TL742.16 in-house method	R
117.		Quantitative determination of the allergen soya; sandwich ELISA	TL742.38 in-house method	R
118.		Quantitative determination of the allergen peanut; sandwich ELISA	TL742.51 in-house method	R
		Analyses Genetically Modified organisms		
119.	Soy products (except oil)	Determination of the relative content of event GTS 40-3-2 (40-3-2); PCR	TL742.08C in-house method	R
120.	Singular and pure raw materials (soy products, maize products, rice products, sugar beet products, flax seed products, rapeseed products, potato products and cotton)	Screening for Genetically Modified Crops (GMO); PCR	TL742.07B in-house method	R
121.	Soy products (except oil)	Determination of the relative content of event MON 89788-1; PCR	TL742.67 in-house method	R
122.	Soy containing products (except oil) and soy containing feeding stuffs	Determination of the relative content of event A2704-12; PCR	TL742.77 DNA isolation: in-house method Analysis: EURL CRLVL 13/05VP	R
123.		Determination of the relative content of event A5547-127; PCR	TL742.82 DNA isolation: in-house method Analysis: EURL CRLVL01/08VP	R
124.	Soy products (except oil)	Determination of the relative content of event MON87701-1; PCR	TL742.83 DNA isolation: in-house method Analysis: EURLVL05/09VP	R
		Microscopic analyses		
125.	Raw materials for animal feeding stuffs and animal feeding stuffs	Determination of Datura species content; visually microscopic and gravimetric method	TL612.03 in-house method	R
126.		Determination of product-specific admixture; visually microscopic and gravimetric method	TL612.02 in-house method	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
127.	Animal feeding stuffs	Determination of the constituents of animal origin; microscopic method	TL612.06 EG 152/2009, Annex VI	R
128.	Raw materials for animal feeding stuffs	Determination of the constituents of animal origin; microscopic method	TL612.06 in-house method (analysis EG 152/2009, ANNEX VI)	R
		Solid mineral fuels: Physical / chemical parameters		
129.	Coal	Determination of total moisture content; gravimetric method	TL422.01B NEN-ISO 589, Method B1	R
130.		Determination of the crude swelling number (FSI); comparison method	TL422.08 NEN- ISO 501	R
131.		Determination of hardgrove grindability index (HGI); gravimetric method	TL422.07 NEN-ISO 5074	R
132.	Solid mineral fuels	Determination of ash; gravimetric method	TL422.03 NEN- ISO 1171	R
133.	Coal and cokes	Determination of volatile matter content; gravimetric method	TL422.02 NEN-ISO 562	R
134.		Determination of carbon (C), hydrogen (H); element analyser	TL422.05 ASTM D 5373 NEN-ISO 29541	R
135.		Determination of nitrogen (N); element analyser	TL422.05 NEN-ISO 29541	R
136.		Determination of sulphur (S); element analyser	TL422.05 in-house method	R
137.		Determination of moisture in the analysis test sample; gravimetric method	TL422.01A NEN-ISO 11722	R
138.		Determination of gross caloric value; bomb caloric method	TL422.04 NEN-ISO 1928	R
139.	Coal	Determination of fusibility of ash; high temperature tube method	TL432.01 NEN-ISO 540	R
140.	Other solid mineral fuels	Determination of fusibility of ash; high temperature tube method	TL432.01 in-house method	R
141.	Solid fuels	Determination of fluoride (F) and chloride (Cl); ion-exchange chromatography	TL412.13 in-house method	R

Annex to declaration of accreditation (scope of accreditation)
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Registration number: **L 059**

of **TLR International Laboratories**

This annex is valid from: **26-08-2026** to **01-02-2028** Replaces annex dated: **20-05-2026**

No.	Material or product	Type of activity[1]	Internal reference number	Location
142.	Biomass (wood, residues from food and tobacco industry for generating energy), solid biofuels and solid secondary fuels	Determination of total moisture; gravimetric method	TL422.01C NPR-CEN-TS 15414-1 NEN-EN-ISO 18134-1	R
143.		Determination of moisture in the analysis test sample; gravimetric method	TL422.01A NEN-EN-ISO 21660-3 NEN-EN-ISO 18134-3	R
144.		Determination of ash; gravimetric method	TL422.03 NEN-EN-ISO 18122 NEN-EN-ISO 21656	R
145.		Determination of volatile matter content; gravimetric method	TL422.02 NEN-EN-ISO 18123 NEN-EN-ISO 22167	R
146.		Determination of carbon (C), nitrogen (N), hydrogen (H); element analyser	TL422.05 NEN-EN-ISO 21663 NEN-EN-ISO 16948	R
147.		Determination of fluoride (F); IC method	TL412.13 in-house method	R
148.		Determination of gross caloric value; bomb caloric method and calculation of net caloric value	TL422.04 NEN-EN-ISO 18125 NEN-EN-ISO 21654	R
149.	Solid biofuels	Determination of fines content in quantities of pellets; sieve and gravimetric method	TL272.08 NEN-EN-ISO 5370	R
150.	Solid biofuels and solid secondary fuels	Determination of total content of sulphur (S) and chlorine (Cl); tube furnace and ion-exchange chromatography	TL412.13 NEN-EN-ISO 16994	R
151.		Determination of ash melting behaviour; characteristic temperatures method	TL432.01B NEN-EN-ISO 21404	R
152.		Determination of mechanical durability of pellets and briquettes; pellets tester	TL272.03 NEN-EN-ISO 17831-1	R
153.		Determination of bulk density; standard measuring container	TL272.04 NEN-EN-ISO 17828	R
154.		Determination of particle size distribution; Vibrating screen method using sieve apertures of 3,15 mm and below	TL272.05A NEN-EN-ISO 17827-2	R

No.	Material or product	Type of activity[1]	Internal reference number	Location
155.	Solid biofuels and solid secondary fuels	Determination of particle size distribution of disintegrated pellets; disintegration in hot water sieve apertures of 3,15 mm and below	TL272.05B NEN-EN-ISO 17827-2 NEN-EN-ISO 17830	R
156.		Determination of length and diameter of pellets; calliper	TL612.07 NEN-EN-ISO 17829	R
157.	All other pellets	Determination of length and diameter of pellets; calliper	TL612.07 in-house method (analysis: NEN-EN-ISO 17829)	R
158.	Solid biofuels and solid secondary fuels, coal, cokes	Determination of ash composition; after ashing at 815 °C, total digestion and ICP-MS sodium (Na), magnesium (Mg), aluminium (Al), silicon (Si), phosphorus (P), potassium (K), calcium (Ca), sulphur (S), titanium (Ti), iron (Fe), manganese (Mn)	TL432.02 in-house method	R
159.	Solid biofuels and solid secondary fuels	Determination of various metals; after digestion and ICP-MS cadmium (Cd), lead (Pb), arsenic (As), vanadium (V), cobalt (Co), nickel (Ni)	TL412.12 digestion and analysis: NEN-EN-ISO 16968	R
160.		Determination of mercury (Hg); mercury analyser	TL412.17 NEN-EN-ISO 16968	R
161.	Solid biofuels	Determination of mercury (Hg); mercury analyser	TL412.17 NEN-ISO 15237	R
162.	Solid biofuels and solid secondary fuels	Determination of minor elements; ICP-MS copper (Cu), manganese (Mn), zinc (Zn), chromium (Cr), molybdenum (Mo), antimony (Sb), selenium (Se)	TL412.12 NEN-EN-ISO 16968	R
163.		Determination of minor elements; ICP-MS barium (Ba) and iron (Fe)	TL412.12 in-house method (analysis: NEN-EN-ISO 16968)	R
164.	Woodpellets	Determination of particle density; buoyancy	TL612.26 NEN-EN-ISO 18847	R

Flexible scope Organic analysis[2]

[2] The laboratory is obliged to maintain an up-to-date list of activities performed under this flexible scope. This list can be requested from the laboratory

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No.	Material or product	Type of activity[1]	Internal reference number	Location
165.	Crops[3], food (including potatoes, vegetables, fruits, eggs, meat and fish), foodstuffs, raw materials for foodstuffs, food and feed and their raw materials	Determination of pesticide content; GC-MS/MS and LC-MS/MS method	TL512.40	R
Flexible scope analyses Genetically Modified organisms[2]				
166.	Food and feed and their raw materials	Detection of transformation events (GMO); PCR	TL742.01	R

[3] By crops is meant: Products of plant origin