

Annex to declaration of accreditation (scope of accreditation)  
Normative document: EN ISO/IEC 17025:2017  
Registration number: **L 440**

of **NofaLab B.V.**

This annex is valid from: **24-02-2023** to **01-09-2024**

Replaces annex dated: **18-01-2023**

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

**Head Office**

Jan van Galenstraat 51  
3115 JG  
Schiedam  
The Netherlands

Location	Abbreviation/ location code
Jan van Galenstraat 51 3115 JG Schiedam The Netherlands	JG51

No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
<b>Sampling</b>				
a	Dried figs, groundnuts (peanuts), other oilseeds, nuts, driedfruits and spices	Taking samples for the analysis on mycotoxins	NL/29 Commission Regulation (EU) nr. 401/2006 Appendix 1, (EG) no.178/2010-Appendix 1 and EU-amending regulation 519/2014-Appendix 1	JG51

<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.

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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<b>Organic analyses</b>				
1	Vegetable and animal oils, fats and fatty acids	Determination of the content of undermentioned Volatile Organic Contaminants; Headspace GC-MS  1,1,1-Trichloroethane, 2-Methylpentane, 3-Methylpentane, Benzene, Carbontetrachloride, Chloroform, Ethylbenzene, Isomers of Hexane (incl. n-Hexane), Methylcyclopentane, n-Heptane, n-Hexane, n-Octane, o-XyleneTetrachloroethylene, Toluene, Trichloroethylene, Sum of m-Xylene and p-Xylene	NL/15 ISO 15303	JG51
2	Vegetable and animal oils and fats (with the exception of olive oil)	Determination of the content of the total undermentioned amount and individual sterols; GC-FID  cholesterol, brassicasterol, campesterol, stigmasterol, sitosterol, $\Delta$ 5-avenasterol, $\Delta$ 7-stigmasterol and $\Delta$ 7-avenasterol	NL/45 ISO 12228-1	JG51
3	Food and feed (with the exception of spices) and their raw materials	Determination of the content of undermentioned Mycotoxins; LC-MS-MS  Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxin total, Ochratoxin A (OTA), Zearalenon (ZEA), Deoxynivalenol(DON/ Vomitoxin), HT2 Toxin, T2 Toxin, Fumonisin B1, Fumonisin B2	NL/13 in house method	JG51
4	Spices (with the exception of pepper)	Determination of the content of undermentioned Mycotoxins; LC-MS-MS  Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxin total, Ochratoxin A (OTA), Deoxynivalenol(DON/ Vomitoxin), Fumonisin B1, Fumonisin B2	NL/13 in house method	JG51
5	Pepper	Determination of the content of undermentioned Mycotoxins; LC-MS-MS  Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Aflatoxin total, Deoxynivalenol (DON/ Vomitoxin), Fumonisin B1, Fumonisin B2	NL/13 in house method	JG51

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6	Spices	Determination of the content of undermentioned illegal dyes; LC-MS-MS  Sudan I, Sudan II, Sudan III, Sudan IV, Sudan red 7B, Sudan Red G, Sudan Orange G, Rhodamine B, Methanil Yellow, Dimethyl Yellow, Auramine O Basic Red 46, Chrysoidine G, Fast Garnet GBC, Sudan Black B, Sudan Red B, Toluidine Red, Orange II, Orange SS, Para Red, Bixin, Norbixin, Orange III, P-nitroaniline	NL/12 in house method	JG51
7	Vegetable and animal oils, fats and fatty acids	Determination of fatty-acid composition: GC-FID	NL/16 ISO12966-2 / ISO 12966-4	JG51
8		Determination of the content of mineral oil (fraction C10-C40): GC-FID	NL/17 VVR-II-OSP 15 and ISO 17780	JG51
9		Determination of the content of hydrocarbons (fraction C10-C56, C10-C25, C25-C56); GC-FID	NL/17 in house method	JG51
10	Vegetable and animal oils and fats	Determination of MOSH and MOAH; online HPLC-GC-FID	NL/46 MOSH/MOAH ISO 16995  MOSH ISO 17780 and VVR-II-OSP15	JG51
11	Vegetable and animal fatty acids	Determination of MOSH and MOAH; online HPLC-GC-FID	NL/46 MOSH/MOAH in house method  MOSH ISO 17780 and VVR-II-OSP15	JG51

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12	Food and feed and their raw materials	<p>Determination of the content of WHO dioxins, dibenzofurans and WHO dioxin-like PCB's and undermentioned non dioxin-like PCBs; GC-HR/MS and GC-MS/MS</p> <p>PCB 28, PCB 52, PCB 101, PCB 118, PCB 153, PCB 138 and PCB 180</p>	<p>NL/22a (sample preparation) NEN-EN 16215 (feed)</p> <p>in house method (food)</p> <p>NL/22b (determination) Directive (EU) nr. 2017/771 (feed and their raw materials)</p> <p>Directive (EU) nr. 2017/644 (food and their raw materials)</p> <p>in house method (non dioxin-like PCBs)</p>	JG51
13		<p>Determination of the content of undermentioned Polycyclic Aromatic Hydrocarbons (PAH's); DACC-HPLC-fluorescence and UV</p> <p>benzo(a)anthracene, chrysene, benzo(a)pyrene, benzo(b)fluoranthene and the sum of these 4 PAH's Phenanthrene, acenaphthene, anthracene, fluoranthene, pyrene, benzo(k)fluoranthene, dibenzo(ah)anthracene, benzo(ghi)perylene, indeno(1,2,3, c,d) pyrene, benzo[c]fluorene, 5-methylchrysene, benzo[j]fluoranthene, dibenzo[a,l]pyrene, dibenzo[a,e]pyrene, dibenzo[a,i]pyrene, dibenzo[a,h]pyrene</p>	<p>NL/03 (sample preparation) CEN/TS 16621</p> <p>(determination) ISO 22959</p>	JG51
14	Vegetable and animal oils, fats and fatty acids	<p>Determination of the content of undermentioned Polycyclic Aromatic Hydrocarbons (PAH's); DACC-HPLC-fluorescence and UV</p> <p>benzo(a)anthracene, chrysene, benzo(a)pyrene, benzo(b)fluoranthene and the sum of these 4 PAH's Phenanthrene, acenaphthene, anthracene, fluoranthene, pyrene, benzo(k)fluoranthene, dibenzo(ah)anthracene, benzo(ghi)perylene, indeno(1,2,3, c,d) pyrene, benzo[c]fluorene, 5-methylchrysene, benzo[j]fluoranthene, dibenzo[a,e]pyrene, dibenzo[a,i]pyrene, dibenzo[a,h]pyrene</p>	<p>NL/03 ISO 22959</p>	JG51

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15	Food and their raw materials	Quantitative determination of gluten (gliadin x2); ELISA	NL/A001, NL/A002 and NL/A003 AOAC-method 2012.01	JG51
16	Vegetable and animal oils and fats	Determination of the fatty acid-bound 3-MCPD and glycidol; PAL/GC-MS	NL/44a ISO 18363-1 and AOCs Cd 29c-13	JG51
17		Determination of the fatty acid-bound 2-MCPD and glycidol; PAL/GC-MS	NL/44a in house method (preprocessing ISO 18363-1 and AOCs Cd 29c-13)	JG51
18	Fatty acids and lecithin	Determination of the fatty acid-bound 2-MCPD and 3-MCPD and glycidol; PAL/GC-MS	NL/44a in house method (preprocessing ISO 18363-1 and AOCs Cd 29c-13)	JG51

**Physical / Chemical analyses**

19	Grains and their products	Determination of moisture content; gravimetric	NL/34a ISO 712	JG51
20	Feed and their raw materials	Determination of moisture content; gravimetric	NL/34b and NL/34c ISO 6496	JG51
21	Feed and their raw materials, oleaginous seeds, grains and their products, legume, food and their raw materials	Determination of the level of nitrogen and the level of protein; Dumas	NL/30 ISO 16634-1 (Oleaginous seeds and feed)  ISO 16634-2 (Grains and their products and legume)  in house method (remaining) analyse determination ISO 16634-2	JG51
22	Feed and their raw materials	Determination of crude fibre content; gravimetric	NL/32 ISO 6865	JG51
23	Feed and their raw materials, grains and their products and oleaginous seeds	Determination of the fat content; direct extraction; gravimetric	NL/33 ISO 6492 (Feed and their raw materials)  ISO 11085 (Grains and their products)  ISO 659 (Oleaginous seeds)	JG51

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24	Feed and their raw materials, grains and their products	Determination of the fat content; acidic hydrolysis; gravimetric	NL/33 ISO 6492 (Feed and their raw materials)  ISO 11085 (Grains and their products and feed)	JG51
25	Feed and their raw materials, grains, legume and by-products	Determination of the level of ash; gravimetric	NL/35 ISO 5984 (Feed and their raw materials)  ISO 2171 (Grains and their products, legume and by-products)	JG51
26	Feed and their raw materials	Determination of the level of insoluble ash in HCl(sand); gravimetric	NL/36 ISO 5985	JG51
27	Vegetable and animal oils, fats and fatty acids	Determination of the content of free fatty-acid and acid value (FFA); titrimetric / potentiometric	NL/38 ISO 660 (titrimetric §9.1 potentiometric §-9.2)	JG51
28		Determination of water content; Karl Fischer method; titrimetric	NL/34d ISO 8534	JG51
29		Determination of peroxide value; titrimetric	NL/40 ISO 3960	JG51
30	Vegetable and animal oils, fats and fatty acids	Determination of iodine value; titrimetric	NL/41 ISO 3961	JG51
31	Vegetable and animal oils and fats	Determination of moisture and volatile matter content; gravimetric	NL/34e ISO 662	JG51
32	Animal oils, fats and fatty acids (as a basis for petroleum products)	Determination of nitrogen content; chemiluminescentie	NL/31 ASTM D4629 & ASTM D5762	JG51
33	Vegetable oils, fats and fatty acids	Determination of nitrogen content; chemiluminescentie	NL/31 in house method	JG51
34	Lecithin	Determination of water content; Karl Fischer method; titrimetric	NL/34d AOCS Ja 2b-87	JG51

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35	Vegetable lecithin	Determination of the content of acid value; titrimetric / potentiometric	NL/38 AOCS Ja 6-55	JG51
36	Lecithin	Determination of peroxide value; titrimetric	NL/40 AOCS Ja 8-87	JG51
37	Vegetable lecithin	Determination of Acetone-Insoluble Matter; gravimetric	NL/49 AOCS Ja 4-46	JG51
38		Determination of Hexane-Insoluble Matter; gravimetric	NL/50 AOCS Ja 3-87	JG51
39		Determination of Toluene-Insoluble Matter; gravimetric	NL/51 NEN-ISO 28198	JG51
40	Lecithin	Determination of Color Gardner value; spectrophotometric	NL/52 AOCS Ja 9-87	JG51
<b>Inorganic analyses (wet-chemical)</b>				
41	Vegetable and animal oils, fats and fatty acids	Determination of the content of fluoride; spectrophotometry	NL/24 in house method	JG51
<b>Inorganic analyses (metal analyses)</b>				
42	Food and feed and their raw materials (solid matter)	Determination of the content of As, Cd, Hg, Pb; microwave digestion and ICP-MS	NL/26a in house method (digestion EN 13805)  (determination EN 15763)	JG51
43		Determination of the content of Be, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Se, Sr, Mo, Ag, Sn, Ba, Tl; microwave digestion and ICP-MS	NL/26a in house method (digestion EN 13805)	JG51
44	Food and feed and their raw materials (solid matter), edible oils and lecithin products	Determination of the content of Be, B, Na, Mg, Al, P, S, Ca, V, Cr, Mn, Ti, Fe, Co, Ni, Cu, Zn, As, Se, Sr, Ag, Cd, Mo, Sn, Sb, Ba, Hg, Tl, Pb; microwave digestion and ICP-MS/MS	NL/26b in house method (digestion EN 13805)	JG51

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45	Food and feed and their raw materials (vegetable and animal oils, fats and fatty acids)	Determination of the content of Na, Mg, Al, P, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Mo, Ag, Cd, Sn, Sb, Ba, Hg en Pb; ICP-MS	NL/27 in house method	JG51
<b>Microbiological analyses</b>				
46	Food and feed and their raw materials	Enumeration of micro-organisms at 30°C; PCA; Colony-count technique	NL/M09 ISO 4833-1	JG51
47		Enumeration of coliforms at 37°C; VRBL; Colony-count technique	NL/M08 ISO 4832	JG51
48		Enumeration of $\beta$ -glucuronidase-positive <i>E. coli</i> at 44°C; TBX; Colony-count technique	NL/M13 ISO 16649-2	JG51
49		Enumeration of <i>Enterobacteriaceae</i> at 37°C; VRBG; Colony-count technique	NL/M14 ISO 21528-2	JG51
50	Food and feed and their raw materials with water activity < 0,95%	Enumeration of Moulds and Yeasts at 25°C; DG-18; Colony-count technique	NL/M12 ISO 21527-2	JG51
51	Food and feed and their raw materials	Enumeration of <i>Bacillus cereus</i> at 30 °C; MYP; Colony-count technique	NL/M11 ISO 7932	JG51
52		Detection of <i>Salmonella</i> spp.; reaction; PCR	NL/D005 ISO 6579 (MicroVal 2014-LR43)	JG51
53	Milk and milk powder, infant food, lecithin and lecithin containing products	Detection of <i>Enterobacteriaceae</i> spp; reaction; PCR	NL/D004 ISO 21528-1 (MicroVal 2007LR08091920)	JG51
54	Milk powder, infant food, lecithin and lecithin containing products	Detection of <i>Cronobacter</i> spp ( <i>Enterobacter sakazakii</i> ); reaction; PCR	NL/D004 ISO/TS 22964 (MicroVal-2007LR08091920)	JG51
55	Food and feed and their raw materials	Determination of <i>Staphylococcus aureus</i> at 37°C; Colony-count technique; RPFA	NL/M019 ISO 6888-2	JG51



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56	Food and feed and their raw materials	Detection of sulfite reducing bacteria at 37°C; Colony-count technique, ISA Agar	NL/M021 ISO 15213	JG51
57	Food and feed and their raw materials with water activity < 0,95%	Enumeration of yeasts and moulds at 25°C; Colony-count technique, Symphony Agar	NL/M022 ISO 21527-2	JG51
58	Food and feed and their raw materials	Detection of E. coli; X-Gluc, MMGM / TBX	NL/M020 ISO 16649-3	JG51

#### Genetically modified analyses

59	Singular and pure raw materials/crops (such as soybean, maize, rice, sugar beet, flax seed, rape seed, potato products and cotton)	Screening for Genetically Modified Organisms/crops (GMO): PCR GMO-elements: 35S, NOS, PAT, FMV, NPTII, CTP2:CP4 EPSPS, BAR, CryIAb	NL/D001 and NL/D002 in house method	JG51
60	Soybeanproducts	Quantitative analysis of Roundup Ready Soy (GMO): PCR 5' endonuclease instrument	NL/D003 in house method	JG51

#### Flexible scope Organic analyses<sup>2</sup>

61	Food and their raw materials	Determination of the content of pesticides and additives; Headspace GC-MS; GC-MS/MS and LC-MS/MS	NL/10 series	JG51
62	Feed and their raw materials, vegetable and animal oils, fats and fatty acids	Determination of the content of pesticides and additives; Headspace GC-MS; GC-MS/MS and LC-MS/MS	NL/10 series	JG51

<sup>2</sup> 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.