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List of conformity accredited activities (L 234)
RvA T001

Location	Abbreviation/ location code
Oosteinde 3 2991 LG Barendrecht The Netherlands	BA

Version created	Edwin de Klerk	28.11.2024
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No.	Material or product	Type of activity	Internal reference number	Location
		Sampling		
a	Copra, dried figs, dried fruits, (ground) nuts, pistachios, Brazil nuts and other types of nuts, grains and grainproducts, herbs and spices	Sampling for the analysis on mycotoxins	MP-02103-NL in accordance with EU 401/2006 - Appendix 1, EU 178/2010 - Appendix 1 and EU 519/2014 - Appendix 1	BA

Sample pretreatment

No.	Material or product	Type of activity	Internal reference number	Location
-	Copra, dried figs, dried fruits, (ground) nuts, pistachios, Brazil nuts and other types of nuts, grains and grainproducts, herbs and spices	Sample pretreatment for the analysis on mycotoxins with in house reference number MP-01459-NL, MP02224-NL and MP-02228-NL	MP-02104-NL in house method	BA
-		Sample preparation of oil seeds for the analysis on aflatoxin with in house reference number MP-01459-NL, MP02224-NL and MP-02228-NL	MP-02104-NL in house method	BA

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Organic chemistry				
No.	**Material or product**	**Type of activity**	**Internal reference number**	**Location**
1	Food, feed and feedingstuffs	Determination of the level of Chlormequat and Mepiquat; LCMSMS	MP-02232-NL equivalent to EN 15055	BA
2		Determination of the level of Diquat and Paraquat; LCMSMS	MP-02232-NL in house method	BA
3	Food, feed, feedingstuffs, spices, animal and vegetable oils and oilseeds	Determination of glyphosate, aminomethylphosphonic acid(AMPA) and glyfosinate (expressed as glyfosinate-ammonium); LCMSMS	MP-02657-NL in house method	BA
4	Food, feed and feedingstuffs, vegetable and animal fats, Oilseeds, herbs spices	Determination of the level of mycotoxin; LCMSMS Aflatoxin B1 Aflatoxin B2 Alfatoxin G1 Aflatoxin G2 Ochratoxin A Zearalenone Deoxynivalenol Nivalenol HT-2 Toxin T-2 Toxin DAS Fumonisin B1 Fumonisin B2	MP-02228-NL in house method	BA
5	(Ground) nuts, copra, peanutbutter and figs	Determination of the level of aflatoxin B1, B2, G1 and G2; clean-up through immunoaffinity chromatography; HPLC-Fluorescence	MP-01459-NL in house method	BA

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No.	Material or product	Type of activity	Internal reference number	Location
6	Herbs and spices, feed and feedingstuffs, animal and vegetable oils, fats and fatty acids	Determination of the level of aflatoxin B1, B2, G1 and G2; clean-up through immunoaffinity chromatography; HPLC-Fluorescence	MP-02224-NL in house method	BA
7	Vegetable and animal fats and oils and fat containing foodstuffs and feedingstuffs	Determination of the level of polycyclic aromatic hydrocarbons (PAH's); DACC-HPLC-Fluorescence benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[a]pyrene	MP-01456-NL equivalent to ISO 22959	BA
8		Determination of the level of polycyclic aromatic hydrocarbons (PAH's); DACC-HPLC-Fluorescence and UV acenaphtene, phenanthrene, anthracene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, benzo[e]pyrene, benzo[b]fluoranthene, perylene, benzo[k]fluoranthene, benzo[a]pyrene, dibenzo[a,h]anthracene, benzo[g,h,i]perylene, indeno[1,2,3, -cd]pyrene, anthanthrene, coronene, acenaphtylene, cyclopenta(c,d)pyrene, 5-methylchrysene, benzo(j)fluoranthene, dibenzo(a,l)pyrene, dibenz(a,e)pyrene, dibenz(a,i)pyrene, dibenz(a,h)pyrene	MP-01456-NL in house method	BA

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9	Herbs, spices and food supplements	Determination of the level of polycyclic aromatic hydrocarbons (PAH); GPC-DACC-HPLC-Fluorescence benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(a)pyrene.	MP-02123-NL equivalent to CEN/TS 16621	BA
10	Animal and vegetable fats, oils and fatty acids	Determination of the level of benzo[a]pyrene; reversed-phase High-Performance Liquid Chromatography	MP-02226-NL equivalent to ISO 15302	BA
11	Food	Determination of the level of vanillin, ethyl-vanillin en coumarin; RP HPLC-DAD	MP-02111-NL in house method	BA
12	Feed and feedingstuffs	Determination of hydrocyanic acid; HPLC-Fluorescence	MP-02110-NL equivalent to EN 16160	BA
13	Food	Determination of hydrocyanic acid; HPLC-Fluorescence	MP-02110-NL in house method	BA
14	Vegetable and animal fats and oils	Determination of the level of total and individual sterols; GC-FID cholesterol, brassicasterol, campesterol, stigmasterol, beta sitosterol, delta-5 avenasterol, delta-7 stigmasterol, delta-7 avenasterol	MP-02208-NL equivalent to ISO 12228-1	BA

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No.	Material or product	Type of activity	Internal reference number	Location
15	Vegetable and animal fats, oils and fatty acids	Determination of the level of methyl esters of fatty acids; preparation and analysis by gaschromatography; GC-FID C4:0, C6:0, C8:0, C9:0, C10:0, C10:1, C11:0, C12:0, C12:1, C13:0, C13:1, C13 branched, C14:0, C14:1, C14 branched, C15:0, C15:1, C15 branched, C16:0, C16:1, C16:2, C16:3 (n-3), C16:4, C16 branched, C17:0, C17:1, C17 branched, C18:0, C18:1 (n-9), C18:1-trans, C18:1-ricinol, C18:2 (n-6), C18:2 (5,9), C18:2 (9,12), C18:2 conjugated, C18:2-trans, C18:3 (n-3 alpha), C18:3-alpha, C18:3-beta, C18:3-gamma, C18:3 (5,9,12), C18:3 (9,12.15), C18:3-trans, C18:4 (n-3), C18 branched, C18-OH, C19:0, C20:0, C20:1 (n-6), C20:2 (n-6), C20:3 (n-3), C20:3 (n-6), C20:4 (n-3), C20:4 (n-6), C20:5 (n-3), C21:0, C22:0, C22:0, C22:1 (n-9), C22:2 (n-6), C22:3 (n-3), C22:4 (n-6), C22:5 (n-3), C22:5 (n-6) C22:6 (n-3), C23:0, C24:0, C24:1.	MP-02203-NL in accordance with ISO 12966-2/12966-4	BA
16		Determination of the level of hydrocarbons C10-C56; GC-FID	MP-02201-NL in house method	BA
17		Determination of the level of hydrocarbons C10-C40; GC - FID	MP-02202-NL equivalent to VVR bundel part II – OSP 15 (RIVM method)	BA
18	Animal and vegetable oils, fats and fatty acid	Determination of the level of aliphatic hydrocarbons; GC-FID	MP-02216-NL equivalent to ISO 17780	BA

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No.	Material or product	Type of activity	Internal reference number	Location
19	Vegetable oils and foodstuff on basis of vegetable oils	Determination of the level of MOSH/POSH and MOAH; LC-GC-FID MOSH/POSH: C10-C16; C16-C20; C20-C25; C25-C35; C35-C40; C40-C50 and C10-C50 MOAH: C10-C16; C16-C25; C25-C35; C35-C50 and C10-C50	MP-02233-NL equivalent to EN 16995	BA
20	Packaging materials, food and feed and feedingstuffs (low fat content)	Determination of the level of MOSH/POSH and MOAH; LC-GC-FID MOSH/POSH: C10-C16; C16-C20; C20-C25; C25-C35; C35-C40; C40-C50 and C10-C50 MOAH: C10-C16; C16-C25; C25-C35; C35-C50 and C10-C50	MP-02233-NL In house method	BA
21	Vegetable and animal fats, oils and fatty acids	Determination of the level of volatile organic components; Headspace GC-MS methanol, ethanol, 2-propenal, 2-propanol, acetone, pentane, acrylonitrile, n-propanol, methyl-tert-butyl ether, vinylacetatemonomer, methylethylketone, hexane, chloroform, methylacrylate, methylcyclopentane, tetrahydrofuran, (1,2 dichhloorethaan (EDC), 1.1.1.-trichloroethaan, cyclohexaan, carbontetrachloride, benzeen, pentanal, ethylacrylaat, heptaan, trichloroethyleen, epichlorohydrin, methylcycloHexaan, methyl iso-butylketon, tolueen, octaan, hexanal, tetrachloroethyleen, ethylbenzeen, m/p-xyleen, butylacrylaat, styreen, o-xyleen, n-decaan	MP-02205-NL in house method	BA

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No.	Material or product	Type of activity	Internal reference number	Location
22	Food, feed and feedingstuffs	Determination of the level of dithiocarbamates (as CS_2); Headspace GC-MS	MP-02117-NL In house method	BA
23	Animal and vegetable oils, fats and glycerin	Determination of the level of phthalates and adipates; GC-MS Diethyl adipate (DEA), Dimethyl phthalate (DMP), Diethyl phthalate (DEP), Tributyl phosphate (TBP), Acetyltriethyl citrate (ATEC), Di-isobutyl adipate (DIBA), Dibutyl adipate (DBA), Diisobutyl phthalate (DIBP), Dibutyl phthalate (DBP), bis(2- methoxyethyl) phthalate (DMEP), Acetyltributylcitrate (ATBC), Di-n-hexyl phthalate (DnHP), Diisooctyl adipate (DIOA), di(2- ethylhexyl)-adipate (DEHA), Benzylbutyl phthalate (BBP), Di(2-ethylhexyl) phthalate (DEHP), Diisooctyl phthalate (DIOP), Dicyclohexyl phthalate (DCHP), Di-n-octyl phthalate (DNOP), Diisononyl phthalate (DINP), Diisodecyl phthalate (DIDP), Dinonyl phthalate (DNP)	MP-02640-NL in house method	BA

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24	Animal and vegetable oils, fats, fatty acids and oleochemicals	Determination of the level of dioxins (PCDD's), dibenzofuranes (PCDF's), dioxin-like PCB's en non-dioxin-like PCB's; GC-HRMS/MSMS *Dioxinen:* / *dioxin-like* *PCB's:* 2,3,7,8-Tetra CD / PCB 77 1,2,3,7,8-Penta CDD / PCB 81 1,2,3,4,7,8-Hexa CDD / PCB 105 1,2,3,6,7,8-Hexa CDD / PCB 114 1,2,3,7,8,9-Hexa CDD / PCB 118 1,2,3,4,6,7,8-Hepta CDD / PCB 123 Octa CDD / PCB 126 PCB 156 PCB 157 *Dibenzofuranen:* / PCB 167 2,3,7,8-Tetra CDF / PCB 169 1,2,3,7,8-Penta CDF / PCB 189 2,3,4,7,8-Penta CDF 1,2,3,4,7,8-Hexa CDF / *non-dioxin-like* 1,2,3,6,7,8-Hexa CDF / PCB 28 1,2,3,7,8,9-Hexa CDF / PCB 52 2,3,4,6,7,8-Hexa CDF / PCB 101 1,2,3,4,6,7,8-Hepta CDF / PCB 138 1,2,3,4,7,8,9-Hepta CDF / PCB 153 Octa CDF / PCB 180	MP-02200-NL equivalent to EN 16215 Food analyses in accordance with EU 2017/644	BA

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25	Feed and feedingstuffs	Determination of the level of dioxins (PCDD's), dibenzofuranes (PCDF's), dioxin-like PCB's en non-dioxin-like PCB's; GC-HRMS/MSMS *Dioxinen:* — *dioxin-like PCB's:* 2,3,7,8-Tetra CD — PCB 77 1,2,3,7,8-Penta CDD — PCB 81 1,2,3,4,7,8-Hexa CDD — PCB 105 1,2,3,6,7,8-Hexa CDD — PCB 114 1,2,3,7,8,9-Hexa CDD — PCB 118 1,2,3,4,6,7,8-Hepta CDD — PCB 123 Octa CDD — PCB 126 PCB 156 PCB 157 *Dibenzofuranen:* — PCB 167 2,3,7,8-Tetra CDF — PCB 169 1,2,3,7,8-Penta CDF — PCB 189 2,3,4,7,8-Penta CDF 1,2,3,4,7,8-Hexa CDF — *non-dioxin-like PCB's:* 1,2,3,6,7,8-Hexa CDF — PCB 28 1,2,3,7,8,9-Hexa CDF — PCB 52 2,3,4,6,7,8-Hexa CDF — PCB 101 1,2,3,4,6,7,8-Hepta CDF — PCB 138 1,2,3,4,7,8,9-Hepta CDF — PCB 153 Octa CDF — PCB 180	MP-02200-NL equivalent to EN 16215 Feed: analyses in accordance with EU 2017/771	BA
26	Edible oils and fats and oleochemicals	Determination of the level of 2-MCPD, 3-MCPD en glycidyl fatty acid esters; acid transesterification and GCMS	MP-02215-NL Equivalent to AOCS Cd 29a-13	BA
27	Edible oils, fats and oleochemicals	Determination of the level of 2-MCPD, 3-MCPD en glycidyl fatty acid esters; alkaline transesterification and GC-MSMS	MP_02152_NL equivalent to ISO 18363-4 equivalent to AOCS Cd 29d-19	BA

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No.	Material or product	Type of activity	Internal reference number	Location
28	Food and infant formula	Determination of the level of fatty acid bound 2-MCPD, 3-MCPD and glycidol; alkaline transesterification and GC-MSMS	MP-02152-NL in house method (extraction: in house method, analysis equivalent to: ISO 18363-4, AOCS Cd 29d-19)	BA
29	Edible oils and fats and glycerin	Determination of the level of free 3-MCPD; GC-MSMS	MP-02727-NL In house method (extraction: in house method, analysis equivalent to: EN 14573)	BA
30	Food	Determination of the level of free 3-MCPD; GC-MSMS	MP-02727-NL equivalent to EN 14573	BA
31	Food, feed and feedingstuffs	Determination of the level of the sum of ethyleneoxide and 2-chloro-ethanol expressed as ethylene oxide; GCMSMS	MP-02705-NL in house method	BA
		Inorganic chemistry		
32	Vegetable fats, oils and fatty acids	Determination of the level of phosphorus; ICP-OES	MP-01444-NL equivalent to ISO 10540-3 equivalent to AOCS Ca 20-99	BA
33	Feed and feedingstuffs	Determination of the level of elements with ICP-MS Al, As, Ca, Cd, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, P, Pb, Zn	MP-01445-NL in house method	BA
34	Animal and vegetable oils, fats and fatty acids	Determination of the level of elements with ICP-MS Li, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Cd, Sn, Sb, Pb	MP-01445-NL in house method	BA

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No.	Material or product	Type of activity	Internal reference number	Location
35	Glycerin	Determination of the level of elements with ICP-MS As, Pb, Cd	MP-01445-NL in house method	BA
36	Food, feed and feedingstuffs	Determination of the level of mercury (Hg) with FIMS and cold vapor technique; CVAFS	MP-01452-NL in house method	BA
37	Oilseeds	Determination of the level of moisture and volatile matter; gravimetry	MP-01313-NL in accordance with ISO 665	BA
38	Oilseeds, (ground)nuts and scrap	Determination of peroxide value, cold solvent method; titrimetry	MP-01292-NL in house method	BA
39		Determination of acid value and acidity, cold solvent method; titrimetry	MP-01294-NL in house method	BA
40	Animal and vegetable fats, oils and fatty acids	Determination of acid value and acidity; titrimetry	MP-01295-NL In accordance with ISO 660 method 9.1	BA
41	Animal and vegetable fats, oils and fatty acids	Determination of peroxide value; titrimetry	MP-01296-NL in accordance with ISO 3960	BA
42		Determination of iodine value; titrimetry	MP-01297-NL in accordance with ISO 3961	BA
43		Determination of mass per unit volume (“litre weight”) in air	MP-01310-NL in accordance with ISO 6883	BA
44	Vegetable and animal oils and fats	Determination of conventional mass per volume (litre weight in air) — Oscillating U-tube method	MP-01349-NL in accordance with ISO 18301	BA
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45	Fatty acids, glycerin and oleochemicals	Determination of conventional mass per volume (litre weight in air) — Oscillating U-tube method	MP-01349-NL in house method (analysis in accordance with ISO 18301)	BA
46	Vegetable and animal oils, fats, glycerin and fatty acids	Determination of conventional mass per volume (litre weight in air) and the density – Oscillating U-tube method	MP-01349-NL equivalent to Eur. Pharm. Method 2.2.5, USP method 841 (method II) and JP method 2.56-4	BA
47	Biodiesel and oleochemicals	Determinatino of the density – Oscillating U-tube method	MP-01349-NL in house method (analysis in accordance to ISO 12185)	BA
48	Animal and vegetable fats, oils and fatty acids	Determination of the level of moisture and volatile matter; gravimetry	MP-01311-NL equivalent to ISO 662, AOCS Ca 2b-38 and EG 152/2009 Appendix III-B	BA
49		Determination of the level of insoluble impurities; gravimetry	MP-01312-NL equivalent to ISO 663	BA
50	Feed and feedingstuffs	Determination of the level of crude fibre; gravimetry	MP-01369-NL Feed equivalent to EU 152/2009 Appendix III-I, feedingstuffs in house method (analysis in accordance with EU 152/2009 Appendix III-I) Equivalent to Gafta 9.0, ISO 6865	BA

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51	Feed and feedingstuffs	Determination of the level of moisture; gravimetry	MP-01377-NL in accordance with EU 152/2009 Appendix II-A, GAFTA 2.1, ISO 6496	BA
52		Determination of the level of crude protein; titrimetry	MP-01389-NL in accordance with EU 152/2009 Appendix III-C equivalent to GAFTA 4.1, ISO 5983-2	BA
53		Determination of the level of crude fat and total crude fat; gravimetry	MP-01390-NL equivalent to EU 152/2009 Appendix III-H, methods A en B, GAFTA 3.2, ISO 6492	BA
54		Determination of the level of crude ash; gravimetry	MP-01370-NL in accordance with ISO 5984 equivalent to EU 152/2009 Appendix III-M in accordance with GAFTA Method 11.1	BA
55		Determination of fluoride content after hydrochloric acid treatment; ionsensitive electrode method (ISE)	MP-01393-NL equivalent to EN 16279	BA

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56	Vegetable lecithin	Determination of water content; Karl Fischer	MP-01356-NL in house method	BA
57		Determination of acid value; titrimetry	MP-01354-NL equivalent to AOCS Ja 6-55	BA
58		Determination of acetone insoluble matter; gravimetry	MP-01364-NL equivalent to AOCS Ja 4-46	BA
59		Determination of hexane insoluble matter; gravimetry	MP-01363-NL equivalent to AOCS Ja 3-87	BA
60		Determination of toluene insoluble matter; gravimetry	MP-01357-NL equivalent to ISO 28198	BA
		Microbiology		
61	Food, feed and feedingstuffs	Determination of Salmonella - VIDAS SLM	MP-01269-NL equivalent to ISO-6579 AFNOR BIO 12/16-09/05	BA
62		Determination of Salmonella - PCR	MP-01270-NL equivalent to ISO-6579 AFNOR GEN-25/05-11/08	BA
63		Enumeration of *Bacillus cereus,* MYP, 30°C, colony-count technique	MP-01271-NL in accordance with ISO 7932	BA
64		Enumeration of micro-organisms (aerobic plate count) at 30°C, colony-count technique	MP-01481-NL in accordance with ISO 4833-1	BA
65		Determination of β-glucuronidasepositive E. coli at 44°C; colony-count technique, TBX	MP-01273-NL in accordance with ISO 16649-2	BA
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66	Food, feed and feedingstuffs	Enumeration of coliforms, VRBL, 30°C, colony-count technique	MP-01274-NL in accordance with ISO 4832	BA
67		Enumeration of *Enterobacteriaceae*, VRBG, 37°C, colony-count technique	MP-01275-NL in accordance with ISO 21528-2	BA
68		Enumeration of yeasts and moulds, YGC, 25°C, 120H, colony-count technique	MP-01278-NL in accordance with ISO 7954:1987	BA
69		Enumeration of coagulase-positive *Staphylococcus aureus*, RPF, 37 °C, colony-count technique	MP-01277-NL in accordance with ISO 6888-2	BA

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Flexible scope[1]

No.	Material or product	Type of activity	Internal reference number	Location
70	Food of plant origin	Determination of the level of pesticides; LC-MS/MS	MP-02231-NL equivalent EN 15662	BA
71	Feed and feedingstuffs, Food of animal origin	Determination of the level of pesticides; LC-MS/MS	MP-02231-NL in house method (sample preparation in house method, analysis equivalent to EN 15662)	BA
72	Food of plant origin, low fat content (<5%)	Determination of the level of pesticides and polychlorinated biphenyls (PCB); GC-MS/MS	MP-02213-NL pesticides equivalent to EN 15662 PCB's in house method	BA
73	Food of plant origin, high fat content (>5%), food of animal origin and feed and feedingstuffs	Determination of the level of pesticides and polychlorinated biphenyls (PCB); GC-MS/MS	MP-02213-NL in house method (sample preparation pesticides in house method, analysis equivalent to EN 15662)	BA

[1] *This flexible scope requires the laboratory to maintain a current list of the methods applied under this flexible scope.*