



The Dutch Accreditation Council RvA, operating as accreditor for test laboratories,
declares that

**B.V. Handelslaboratorium v/h Dr. A. Verwey
Rotterdam**

complies with the accreditation criteria for test laboratories as laid down in
ISO/IEC 17025:2005. The accreditation covers the quality system of the laboratory as
well as the specific activities as described in the authorized annex bearing the
accreditation number.

The accreditation is valid provided that the laboratory continues to meet the criteria
as laid down by the Dutch Accreditation Council RvA.

This certificate with accreditation number:

L 234

is granted on 26 November 2008 and is valid until

18 December 2012

The accreditation has been granted for the first time on

18 December 1996

The Chief Executive

Ir. J.C. van der Poel

of **B.V. Handelslaboratorium v/h Dr. A. Verwey**
Rotterdam

Valid from: **26-11-2008** till **18-12-2012**

Replaces appendix dated: **08-10-2007**

Premises: Rotterdam, Vlaardingen, Pernis and Oosterhout

Nr.	Material or Product	Type of activity	Internal reference number
Sampling			
a	Copra, dried figs, dried fruits, (ground) nuts, maize, corn and cornproducts	Sampling for the analysis on aflatoxin with in house reference number GN636 and GN637	BD725 In accordance with Commission Directive 401/2006/EC – Annex 1 of 23/02/06
b		Sample preparation of oil seeds for the analysis on aflatoxin with in house reference number GN636 en GN637	DB685 In house method
Laboratory Rotterdam			
Physical-Chemical analysis			
1	(Ground) nuts, copra, peanutbutter and figs	Determination of the level of aflatoxin B1, B2, G1 and G2; Immuno Affinity followed by High-Performance Liquid Chromatography	GN636 In house method
2	Spices, herbs and feedingstuffs	Determination of the level of aflatoxin B1, B2, G1 and G2; Immuno Affinity followed by High-Performance Liquid Chromatography	GN637 In house method
3	Grains	Determination of the level of ochratoxin A; Immuno Affinity followed by High-Performance Liquid Chromatography	GN639 In house method
4	Raisins and coffee		GN634 In house method
5	Spices	Determination of the level of benzo[a]pyrene; reversed-phase High-Performance Liquid Chromatography	GN631 In house method
6	Animal and vegetable fats, oils and fatty acids	Determination of the level of benzo[a]pyrene; reversed-phase High-Performance Liquid Chromatography	GN711 Equivalent with NEN-ISO 15302

This annex has been approved by:

Ir. J.C. van der Poel
Chief Executive

of **B.V. Handelslaboratorium v/h Dr. A. Verwey**
Rotterdam

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Nr.	Material or Product	Type of activity	Internal reference number
7	Vegetable and animal fats and oils and fat containing foodstuffs and feedingstuffs	Determination of the level of polycyclic aromatic hydrocarbons (PAH's); High-Performance Liquid Chromatography acenaphthene, 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, acenaphthylene, 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	GN629 in house method
8	Vegetable and animal fats, oils and fatty acids	Determination of the level of polychlorinated biphenyls; GC-MS PCB 28 PCB 52 PCB 101 PCB 118 PCB 138 PCB 153 PCB 180	GM632 in house method
9		Determination of the level of hydrocarbons C10-C40; GC - FID	GM713 Equivalent to VVR bundel part II – OSP 15 (RIVM method)
10		Determination of the level of pesticides; GC-ECD/NPD HCH's (lindane), endosulfane (sulphate), fenitrothion, malathion and vinclozolin	GM712 Equivalent to NEN-EN 1528

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Nr.	Material or Product	Type of activity	Internal reference number
11	Agriculture- and horticulture products	<p>Determination of the level of pesticides; LCMSMS acephate, methamidophos, acetamiprid, azaconazole, azamethiphos, azinphos-methyl/phosmet, azoxystrobin, boscalid, bromuconazole, ethirimol, buprofezin, butocarboxim sulfoxide, carbaryl, 3 hydroxy carbofuran, carpropamid, chlorbromuron, clofentezine, clothianidin, cyazofamid, cyproconazole (2 isomers), cyprodinil, oxydemeton-methyl, demeton-S-methyl sulfone, desmedipham, DMSA (dichlofluanid), dichlorvos, trichlorphon, dicrotophos, diethofencarb, difenoconazole, dimethoate, omethoate, dimethomorph (2 isomers), diniconazole, diuron, epoxiconazole, ethiofencarb sulfoxide, ethiprole, fenamidone, fenamiphos, fenarimol, fenazaquin, fenbuconazole, fenhexamid, fenpyroximate, fenthion sulfoxide, fluquinconazole, flutolanil, flutriafol, furathiocarb, hexaconazole, hexythiazox, isoprothiolane, isoxaflutole, linuron, mefenacet, mephosfolan, mepronil, methiocarb, methomyl, metobromuron, metoxuron, monocrotophos, myclobutanil, nitenpyram, nuarimol, oxadixyl, oxamyl, oxamyl-oxime, oxycarboxin, penconazole, pencycuron, phenmedipham, phosphamidon, picoxystrobin, pirimicarb, profenofos, propoxur, propyzamide, pyraclostrobin, pyridaben, pyridaphenthion, pyrifenoxy (2 isomers), pyriproxyfen, spinosad A/D, spirodiclofen, tetraconazole, thiabendazole, thiamethoxam, thiofanox sulfoxide, tolylfluanid, DMST (tolylfluanid), thiacloprid, trifloxystrobin, triticonazole, zoxamide, triazophos, chlorfenvinphos cis/trans, diazinon, pirimiphos-methyl, chlorpyrifos-methyl, chlorpyrifos, ethion, propargite, demeton-S-Methyl-sulfoxide</p>	<p>GN714 In house method</p>
12	Vegetable and animal fats, oils and fatty acids	<p>Determination of the level of methyl esters of fatty acids; preparation and analysis by gaschromatography; GC-FID</p>	<p>GM707 In accordance with NEN-EN-ISO 5509/5508</p>
13		<p>Determination of the level of hydrocarbons, calculated as gas oil; GC-MS</p>	<p>GM630 In house method</p>
14	Vegetable fats, oils and fatty acids	<p>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, ethylenedichloride, 1.1.1.-trichloroethane, cyclohexane, carbontetrachloride, benzene, pentanal, ethylacrylate, heptane, trichloroethylene, epichlorohydrin, methylcyclohexane, methyl iso-butyl ketone, toluene, octane, hexanal, tetrachloroethylene, ethylbenzene, m-xylene, butylacrylate, styrene, o-xylene</p>	<p>GM731 In house method</p>
15	Oilseeds	<p>Determination of the level of moisture and volatile matter; gravimetry</p>	<p>GH705 In accordance with NEN-EN-ISO 665</p>

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Nr.	Material or Product	Type of activity	Internal reference number
16	Oleaginous seeds and scrap	Determination of the level of free fatty acids, cold solvent method; titrimetry	GG636 In house method
17		Determination of peroxide value, cold solvent method; titrimetry	GG635 In house method
18	Animal and vegetable fats, oils and fatty acids	Determination of acid value and acidity; titrimetry	GG700 In accordance with NEN-EN-ISO 660
19		Determination of iodine value; titrimetry	GG702 In accordance with NEN-EN-ISO 3961
20		Determination of peroxide value; titrimetry	GG701 In accordance with NEN-EN-ISO 3960
21		Determination of the level of moisture and volatile matter; gravimetry	GH701 In accordance with NEN-EN-ISO 662
22		Determination of the level of insoluble impurities; gravimetry	GH704 Equivalent to NEN-EN-ISO 663
23		Determination of the level of phosphorus; ICP-OES	GL625 In accordance with AOCS Recommended Practise Ca 20-99 In accordance with NEN-ISO 10540-3
24	Animal and vegetable fats, oils and fatty acids	Determination of the level of lead; Graphite Furnace Atomic Absorption	GK709 In accordance with NEN-EN-ISO 12193
25		Determination of the level of copper; Graphite Furnace Atomic Absorption	GK708 In accordance with NEN-EN-ISO 8294
26		Determination of the level of cadmium; Graphite Furnace Atomic Absorption	GK710 In accordance with NEN-EN-ISO 15774
27		Determination of the level of nickel; Atomic Absorption Spectroscopy	GK626 in house method

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Nr.	Material or Product	Type of activity	Internal reference number
28	Vegetable fats, oils and fatty acids	Determination of the level of arsenic; Atomic Absorption Spectroscopy	GK627 in house method
29	Fats, oils and fatty acids	Determination of the level of mercury; Direct Mercury Analyser	GL689 in house method

Microbiological analysis

30	Feedingstuffs and meat	Detection of Salmonella; the Enzyme Linked Fluorescent Assay technique (VIDAS)	GC640 Equivalent to ISO 6579
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Laboratory Vlaardingen

31	Animal and vegetable fats, oils and fatty acids	Determination of acid value and acidity; titrimetry	GG700 In accordance with NEN-EN-ISO 660
32		Determination of iodine value; titrimetry	GG702 In accordance with NEN-EN-ISO 3961
33		Determination of peroxide value; titrimetry	GG701 In accordance with NEN-EN-ISO 3960
34		Determination of the level of moisture and volatile matter; gravimetry	GH703 In accordance with NEN-EN-ISO 662
35		Determination of the level of insoluble impurities; gravimetry	GH704 Equivalent to NEN-EN-ISO 663
36	Animal and vegetable fats and oils	Determination of the level of methyl esters of fatty acids, preparation and analysis by gaschromatography; GC-FID	GM707 In accordance with NEN-EN-ISO 5509/5508
37		Determination of mass per unit volume ("litre weight") in air	GX706 In accordance with ISO 6883

Laboratory Pernis

38	Animal and vegetable fats, oils and fatty acids	Determination of acid value and acidity; titrimetry	GG700 In accordance with NEN-EN-ISO 660
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Nr.	Material or Product	Type of activity	Internal reference number
39		Determination of iodine value; titrimetry	GG702 In accordance with NEN-EN-ISO 3961
40		Determination of peroxide value; titrimetry	GG701 In accordance with NEN-EN-ISO 3960
41		Determination of the level of moisture and volatile matter; gravimetry	GH703 In accordance with NEN-EN-ISO 662
42		Determination of the level of insoluble impurities; gravimetry	GH704 Equivalent to NEN-EN-ISO 663
43		Determination of the level of methyl esters of fatty acids, preparation and analysis by gaschromatography; GC-FID	GM707 In accordance with NEN-EN-ISO 5509/5508
44		Determination of mass per unit volume ("litre weight") in air	GX706 In accordance with ISO 6883

Laboratory Oosterhout

45	Nuts	Determination of the level of aflatoxin B1, B2, G1 and G2; Immuno Affinity followed by High-Performance Liquid Chromatography	GN636 In house method
46	Oilseeds	Determination of the level of moisture and volatile matter; gravimetry	GH705 In accordance with NEN-EN-ISO 665
47	Oleaginous seeds and (ground) nuts	Determination of the level of free fatty acids, cold solvent method; titrimetry	GG636 In house method
48		Determination of peroxide value, cold solvent method; titrimetry	GG635 In house method