

Annex to declaration of accreditation (scope of accreditation)  
Normative document: EN ISO/IEC 17025:2017  
Registration number: **L 086**

of **Eurofins Omegam B.V.**

This annex is valid from: **20-12-2023** to **01-06-2025**

Replaces annex dated: **29-11-2023**

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

**Head Office**

H.J.E. Wenckebachweg 120  
1114 AD  
Amsterdam-Duivendrecht  
The Netherlands

<b>Location</b>	<b>Abbreviation/ location code</b>
H.J.E. Wenckebachweg 120 1114 AD Amsterdam-Duivendrecht The Netherlands	A
Korringaweg 7 4401 NT Yerseke The Netherlands	Y
Princetonlaan 8 3584 CB Utrecht The Netherlands	U
Zuideinde 68 2991 LK Barendrecht The Netherlands	B
Rijksweg Noord 188 6136 AE Sittard The Netherlands	S

This annex has been approved by the Board of the  
Dutch Accreditation Council, on its behalf,

J.A.W.M. de Haas

of **Eurofins Omegam B.V.**

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
<b>Sampling</b>				
a	Surface waters, under water substrates and water beds (fresh and brackish)	Sampling for analysis of species composition of macro-invertebrates (proceeding 188; A-207); multihabitatmethod, deepwatermethod	V-043 in house method	A
<b>Inorganic parameters: wet chemistry</b>				
1	Soil and sludge	Determination of pH (pH-H <sub>2</sub> O, pH-KCl and pH-CaCl <sub>2</sub> ); potentiometry	FYX0G NEN-ISO 10390	A
2	Groundwater, surface water, drinking water and wastewater	Determination of pH; potentiometry	FY10W NEN-EN-ISO 10523	A
3	Soil and sludge	Determination of electric conductivity (EC); conductometry	FY12WG NEN 5749	A
4	Groundwater, surface water, drinking water and wastewater	Determination of electric conductivity (EC); conductometry	FY12WG NEN-ISO 7888	A
5	Groundwater, surface water, drinking water and wastewater	Determination of biochemical oxygen demand after n days (BOD); electrochemistry	IS20W NEN-EN-1899-1:1998 and NEN-EN-1899-2	A
6	Soil and sludge	Determination of the total residue on evaporation in field moist soil (dry matter content); gravimetry	GR10G and GR10MW in house method	A
7	Soil and sludge	Determination of loss on ignition at 550 °C and content of organic matter; gravimetry	GR20G NEN-EN 15935 (loss on ignition soil), NEN-EN 15169 and NEN 6499 par. 3.5 (loss on ignition sludge) and NEN 5754 (content of organic matter)	A
8	Wastewater	Determination of the content of suspended solids and its ignition residue; filtration through paper filter, gravimetry	GR60W NEN 6621:1998	A

<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-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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9	Wastewater and surface water	determination of the content of suspended solids and its ignition residue; filtration through glass fiber filter, gravimetry	GR60W NEN-EN 872 and NEN 6499	A
10	Groundwater, drinking water and surface water	Determination of the content of suspended solids and its ignition residue; filtration through a membrane filter, gravimetry	GR60W NEN 6484	A
11	Soil and sludge	Determination of organic matter content by determination of the chemical oxygen demand (COD); titrimetry	TI10G in house method	A
12	Groundwater, surface water, drinking water and wastewater	Determination of chemical oxygen demand (COD); titrimetry	TI10W/TI10AW NEN 6633:2006	A
13	Sludge	Determination of the content of Kjeldahl nitrogen; titrimetry	TI20G NEN 6641 (1983)	A
14	Soil	Determination of the content of Kjeldahl nitrogen; titrimetry	TI20G in house method (analysis NEN 6641 (1983))	A
15	Groundwater, surface water, drinking water and waste water	Determination of the content of Kjeldahl nitrogen; titrimetry	TI20W NEN-ISO 5663	A
16	Wastewater, drinking water, groundwater, surface water and swimming pool water	Determination of the M- and P- number (titrimetry)	TI30W NEN-EN-ISO 9963-1	A
17	Surface water	Determination of the content of chlorophyll-a and pheophytin; photometry.	KR40W NEN 6520 and ISO 10260	A
18	Soil and sludge	Determination of the content of free cyanide and total cyanide; continuous flow analysis (photometry)	AA04 NEN-EN-ISO 17380	A

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19	Groundwater, surface water, drinking water and wastewater	Determination of the content of free cyanide and total cyanide; continuous flow analysis (photometry)	AA04 NEN-EN-ISO 14403-2	A
20	Groundwater, surface water, drinking water and wastewater	Determination of the content of ammonium; continuous flow analysis (photometry)	AA11W in house method	A
21	Groundwater, surface water, drinking water, wastewater and swimming pool water	Determination of the content of chloride; continuous flow analysis (photometry)	AA12W NEN-EN-ISO 15682	A
22	Groundwater, surface water, drinking water and wastewater	Determination of the content of dissolved phosphate; continuous flow analysis (photometry)	AA13W in house method	A
23	Groundwater, surface water, drinking water, bathing water and wastewater	Determination of the content of dissolved nitrate nitrogen; continuous flow analysis (photometry)	AA14W NEN-EN-ISO 13395	A
24	Groundwater, surface water, drinking water, bathing water and wastewater	Determination of the content of dissolved nitrite nitrogen; continuous flow analysis (photometry)	AA15W NEN-EN-ISO 13395	A
25	Drinking water and bathing water	Determination of urea content; continuous flow analysis (photometry)	AA16W in house method	A
26	Groundwater, surface water, drinking water and wastewater	Determination of the content of total nitrogen and total phosphate; continuous flow analysis (photometry)	AA17W and AA18W in house method	A
27	Groundwater, surface water, drinking water and wastewater	Determination of the content of silicate; continuous flow analysis (photometry)	AA90W in house method	A

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28	Drinking water and bathing water	Determination of potassium permanganate demand; continuous flow analysis (photometry)	AA51W NEN-EN-ISO 8467	A
29	Waste water, drinking water, groundwater and surface water	Determination of chemical oxygen demand (COD); small-scale sealed-tube method	CZVCUVTEST NEN-ISO 15705 and NEN 6633:2006	A
30	Groundwater, surface water, drinking water and wastewater	Determination of the content of bromide, chloride and sulphate; ion chromatography	IC20W NEN-EN-ISO 10304-1	A
31	Drinking water, groundwater, surface water, bathing water and wastewater	Determination of the content of bromate and chlorate; ion chromatography	IC40W NEN-EN-ISO 15061 (bromate) and NEN-EN-ISO 10304-4 (chlorate)	A
32	Groundwater	Determination of the content of anions; ionchromatography bromide, chloride, nitrate, phosphate and sulphate	IC20W NEN-EN-ISO 10304-1	A
33	Soil, sludge and sediment	Determination of the content of bromide, chloride and sulphate; ion chromatography	IC20W and AA10G extraction with in house method; analysis NEN-EN-ISO 10304-1	A
34	Groundwater, surface water, drinking water and wastewater	Determination of the content of (organic) carbon (TOC and DOC); high temperature TOC-instruments	TC12W NEN-EN 1484	A
35	Rainwater	Determination of electric conductivity (EC); conductometry	AC-W-018 in house method	A
36	Rainwater	Determination of the content of orthophosphate; photometry (CFA)	AC-W-023 (determination) NEN-EN-ISO 15681-2  AC-W-068 (pre-treatment rainwater) in house method	A

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37	Rainwater	Determination of the content of NH <sub>4</sub> ; photometry (CFA)	AC-W-027 NH4 in house method  AC-W-062 COTAG (pre-treatment dry deposition in house method	A
38	Rainwater	Determination of the content of ammonium; photometry (CFA)	AC-W-027 (determination) NEN-EN-ISO 11732  AC-W-068 (pre-treatment rainwater) in house method	A
39	Air dust on filter	Determination of the content of ammonium; photometry (CFA)	AC-W-027 (determination) NEN-EN-ISO 11732  AC-W-039 (pre-treatment air filter) in house method	A
40	Rainwater	Determination of pH and the content of acid or base consumption; titrimetry	AC-W-015 in house method	A
41	Rainwater	Determination of the content of chloride, nitrate, sulphate, and fluoride; ion chromatography	AC-W-060 (determination) in house method  AC-W-068 (pre-treatment rainwater) in house method	A
42	Air dust on filter	Determination of the content of chloride, nitrate and sulphate; ion chromatography	AC-W-060 (determination) in house method  AC-W-039 (pre-treatment air filter) in house method	A

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<b>Inorganic parameters: elements</b>				
43	Groundwater, drinking water and filtrated surface water	Determination of the content of elements in acidified water (0,1 M nitric acid); ICP-MS chromium, nickel, copper, zinc, arsenic, cadmium, lead, barium, molybdenum, vanadium cobalt and silver	ICPMS1S NEN-EN-ISO 17294-2	A
44	Groundwater and surface water	Determination of the content of dissolved elements; ICP-MS arsenic, barium, cadmium, chromium, cobalt, copper, mercury, lead, molybdenum, nickel, antimony, selenium, tin, vanadium, zinc, aluminium, boron, iron, manganese, calcium, magnesium, potassium, sodium, strontium and silver	ICPMS1S NEN-EN-ISO 17294-2	A
45	Surface water	Determination of the content of elements (after digestion with nitric acid); ICP-MS arsenic, barium, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, antimony, selenium, tin, vanadium, zinc, aluminium, boron, iron, manganese, calcium, magnesium, potassium, sodium and silver	ICPMS1S NEN-EN-ISO 17294-2 and digestion in house method	A
46	Wastewater	Determination of the content of elements (after digestion with aqua regia); ICP-MS chromium, nickel, copper, zinc, arsenic, cadmium, lead and silver	ICPMS1S NEN-EN-ISO 17294-2 and digestion NEN-EN-ISO 15587-1	A
47	Wastewater	Determination of the content of dissolved elements; ICP-MS arsenic, cadmium, chromium, copper, lead, nickel and zinc	ICPMS1S NEN-EN-ISO 17294-2	A
48	Process water	Determination of the content of dissolved elements; IPC-MS silver and copper	ICPMS1S NEN-EN-ISO 17294-2	A
49	Soil and sludge	Determination of the content of elements; ICP-AES phosphor	ICP00K NEN 6966 and digestion soil NEN 6961 and digestion sludge NEN-EN 13346	A

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50	Soil and sludge	Determination of the content of elements; ICP-MS chromium, nickel, copper, zinc, arsenic, cadmium, lead, tin, iron, manganese, barium, molybdenum, vanadium, cobalt, mercury (non volatile) and selenium	ICPMS00K NEN-EN-ISO 17294-2 (digestion soil NEN 6961 and digestion sludge NEN-EN 13346)	A
51	Groundwater, surface water, drinking water, rain water and wastewater	Determination of the content of mercury; CV-AAS	AFI00KMn NEN-EN-ISO 12846	A
52	Rainwater	Determination of the content of elements; ICP-MS arsenic, calcium, cadmium, cobalt, chromium, copper, iron, potassium, magnesium, sodium, nickel, lead, vanadium, and zinc	AC-W-040 in house method	U
53	Air dust (aerosols) on filter	Determination of the content of elements; ICP-MS HR arsenic, calcium, cadmium, nickel, lead, magnesium, zinc, acid digestible potassium and acid digestible sodium	AC-W-034 (determination) in house method  AC-W-037 (destruction filters) in house method	U
54	Rainwater	Determination of the content of mercury; atomic fluorescence spectrometry (AFS)	AC-W-035 in house method	A

**Organic parameters**

55	Groundwater, surface water and wastewater	Determination of the content of mineral oil; GC-FID	GC10W in house method	A
56	Wastewater	Determination fo the content of mineral oil; GC-FID	GC10AW NEN-EN-ISO 9377-2	A
57	Soil and sludge	Determination of the content of mineral oil; GC-FID	GC10G in house method	A
58	Oil	Determination of the content of polychlorinated biphenyls (PCBs); GC-ECD PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153 and PCB 180	HK3_5GW in house method	A



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59	Oil	Determination of the content of PCB's; GC-MS/MS PCB 28, PCB 52, PCB 101, PCB118, PCB 138, PCB 153 and PCB180	MS170 in house method	A
60	Groundwater, surface water and wastewater	Determination of the content of organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs); GC-ECD pentachlorobenzene, hexachlorobenzene, alpha- HCH, beta-HCH, gamma-HCH, isodrin, telodrin, heptachlor, cis-heptachloroepoxide, trans- heptachloroepoxide, aldrin, dieldrin, endrin, o,p'- DDT, p,p'-DDT, o,p'-DDD, p,p'-DDD, o,p'-DDE, p,p'-DDE, alpha-endosulphan, hexachlorobutadiene, hexachloroethane, PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153 and PCB 180	HK3_5GW in house method	A
61	Soil, sludge and sediment	Determination of the content of organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs); GC-ECD pentachlorobenzene, hexachlorobenzene, alpha- HCH, beta-HCH, gamma-HCH, delta-HCH, endosulphansulphate, isodrin, telodrin, heptachlor, cis-heptachloroepoxide, trans-heptachloroepoxide, aldrin, dieldrin, endrin, o,p'-DDT, p,p'-DDT, o,p'-DDD, p,p'-DDD, o,p'-DDE, p,p'-DDE, alpha-endosulphan, hexachlorobutadiene, hexachloroethane, 1,3,5-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, 1,2,3,5-tetrachlorobenzene, 1,2,4,5-tetrachlorobenzene, 1,2,3,4-tetrachlorobenzene, cis-chlordane, trans-chlordane, PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153 and PCB 180	HK3_5GW in house method	A

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62	Soil, sludge and sediment	Determination of the content of organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs) and less volatile chlorobenzenes (lvCB); GC-MS/MS  pentachlorobenzene, hexachlorobenzene, alpha-HCH, beta-HCH, gamma-HCH, delta-HCH, endosulphansulphate, isodrin, telodrin, heptachlor, cis-heptachloroepoxide, trans-heptachloroepoxide, aldrin, dieldrin, endrin, o,p'-DDT, p,p'-DDT, o,p'-DDD, p,p'-DDD, o,p'-DDE, p,p'-DDE, alpha-endosulphan, beta-endosulphan, hexachlorobutadiene, hexachloroethane, 1,3,5-trichlorobenzene, 1,2,4, trichlorobenzene, 1,2,3-trichlorobenzene, 1,2,3,5-/1,2,4,5-tetrachlorobenzene (sum), 1,2,3,4-tetrachlorobenzene, cis-chlordane, trans-chlordane, PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153 and PCB 180	MS17GW in house method	A
63	Groundwater, surface water and wastewater	Determination of the content of chlorophenols; GC-ECD 2-monochlorophenol, 3-monochlorophenol, 4-monochlorophenol, 2,3-dichlorophenol, 2,4-dichlorophenol, 2,5-dichlorophenol, 2,6-dichlorophenol, 3,4-dichlorophenol, 3,5-dichlorophenol, 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 3,4,5-trichlorophenol, 2,3,4,5-tetrachlorophenol, 2,3,4,6-tetrachlorophenol and pentachlorophenol	HK70GW in house method	A
64	Soil	Determination of the content of chlorophenols; GC-ECD 2-monochlorophenol, 3-monochlorophenol, 4-monochlorophenol, 2,3-dichlorophenol, 2,4 + 2,5-dichlorophenol, 2,6-dichlorophenol, 3,4-dichlorophenol, 3,5-dichlorophenol, 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 3,4,5-trichlorophenol, 2,3,4,5-tetrachlorophenol, 2,3,4,6-tetrachlorophenol, 2,3,5,6-tetrachlorophenol and pentachlorophenol	HK70GW VPR C85-14	A

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65	Sludge and sediment	Determination of the content of chlorophenols; GC-ECD 2-monochlorophenol, 3-monochlorophenol, 4-monochlorophenol, 2,3-dichlorophenol, 2,4 + 2,5-dichlorophenol, 2,6-dichlorophenol, 3,4-dichlorophenol, 3,5-dichlorophenol, 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 3,4,5-trichlorophenol, 2,3,4,5-tetrachlorophenol, 2,3,4,6-tetrachlorophenol, 2,3,5,6-tetrachlorophenol and pentachlorophenol	HK70GW in house method	A
66	Groundwater, surface water and wastewater	Determination of the content of volatile hydrocarbons; 'purge and trap' and GC-MS dichloromethane, trichloromethane, tetrachloromethane, cis-1,2-dichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethane, 1,2-dichloroethane, 1,2-dichloropropane, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, tetrachloroethene, benzene, toluene, ethylbenzene, o-xylene, sum of (m+p)-xylene, styrene, naphthalene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, monochlorobenzene, MTBE, monochloroethene (vinylchloride), 1,1-dichloroethene, 1,1-dichloropropane, 1,3-dichloropropane and bromoform	VL30TEK.MS in house method	A
67	Drinking, ground, surface, swimming and waste water	Determination of the content of bromodichloromethane, dibromochloromethane, tribromomethane (bromoform) and trichloromethane (chloroform); "purge and trap" and GC-MS	VL30TEK.MS in house method	A

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68	Soil and sludge	Determination of the content of volatile hydrocarbons; 'purge and trap' and GC-MS benzene, toluene, ethylbenzene, o-xylene, sum of (m+p)-xylene, styrene, naphthalene, dichloromethane, 1,1-dichloroethane, 1,2-dichloroethane, trans-1,2-dichloroethene, cis-1,2-dichloroethene, 1,2-dichloropropane, trichloromethane, tetrachloromethane, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethene, tetrachloroethene, monochlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene and 1,1,2,2-tetrachloroethane	VL30G.V00, VL30TEK.MS in house method	A
69	Soil	Determination of the content of volatile hydrocarbons; 'purge and trap' and GC-MS 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-ethyltoluene, sum of (3+4)-ethyltoluene, 1,2-diethylbenzene, 1,3-diethylbenzene, 1,4-diethylbenzene and benzene	VL30TEK.MS in house method	A
70	Soil and sludge	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); GC-MS naphthalene, acenaphthylene, acenaphthene, fluorene, phenantrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3,cd)pyrene, dibenzo(a,h)anthracene and benzo(g,h,i)pyrene	MS16GW in house method	A
71	Asphalt (cores), cores, roads (pavement) material and asphalt granules	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); GC-MS naphthalene, phenantrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3,cd)pyrene, benzo(g,h,i)pyrene and the sum of ten PAHs	MS16A in house method	A
72	Soil, sediment and sludge	Determination of polychlorinated biphenyl (PCBs); GC-MS PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153 and PCB 180	MS16GW in house method	A

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73	Ground water, surface water and wastewater	Determination of the content of organophosphor and organonitrogen pesticides; GC-MS atrazine, propazine, simazine, mevinphos, dimethoate, diazinon, parathion-methyl, malathion, parathion-ethyl, chlorpyrifos, bromophos-methyl, bromophos-ethyl, chlorfenvinphos, ethoprophos, tolclophos-methyl, fenitrothion, pyrazophos, azinphos-ethyl, coumaphos, dichlobenil, profam, propachlor, disulfoton, pentachlorbenzene, demeton-S-methyl, chlorprofam, hexachlorbenzene, gamma-HCH, terbutylazine, fonophos, propyzamide, pyrimethanil, tri-allaat, chlorpyriphos-methyl, vinclozolin, alachlor, metalaxyl, prosulphocarb, pirimiphos-methyl, metolachlor, triadimephon, metazachlor, furalaxyl, procimidon, tetrachlorvinphos, fluazifop-P-butyl ester, bifenthrin, tetrametrin, bromopropylate, fenpropathrin, permethrin, fenvalerate, propiconazole, dichlorvos, fenthion, methidation and terbutryn	MS03SIM in house method	A
74	Soil, sludge and sediment, wastewater, surface water and seawater	Determination of the content of organotin compounds; GC-MS dibutyltin, tributyltin, tetrabutyltin, tricyclohexyltin and triphenyltin	MSOTGW in house method	A
75	Surface water	Determination of the content of flame retardants; GC-MS 2,4,4'-tribromodiphenyl ether (BDE-028), 2,2',4,4'-tetrabromodiphenyl ether (BDE-047), 2,2',4,4',6-pentabromodiphenyl ether (BDE-100), 2,2',4,4'5-pentabromodiphenyl ether (BDE099), 2,2',3,4,4'-pentabromodiphenyl ether (BDE 085), 2,2'4,4'5,6'-hexabromodiphenyl ether (BDE-154), 2,2',4,4',5,5'-hexabromodiphenyl ether (BDE-153) and 2,2',4,4',5'-hexabromodiphenyl ether (BDE-138)	MS-BRV-W in house method	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
76	Drinking water, groundwater, surface water and wastewater	Determination of the content of analiden (amides)in water; LP-PTV-GC-MS aniline, sum of o-, m-and p-toluidine, N-methyl aniline, 2-chloroaniline, N-ethyl aniline, sum of 2,4-, 2,5-, 2,6- and 3,5-dimethylaniline, o-anisidine, 2,3-dimethylaniline, 3,4-dimethylaniline, 3-chloroaniline, 4-chloroaniline, N,N-diethylaniline, 4-isopropylaniline, 2,3-dichloroaniline, 2,4,6-trimethyl aniline, 4-bromo aniline, 3-chloro-4-methyl aniline, sum of 4 - and 5-chloro-2methylaniline, 2,6-diethylaniline, 2,4-dichloroaniline, 2,5-dichloroaniline, 2,6-dichloroaniline, 3,4-dichloroaniline, 2,3,4-trichloroaniline, 2-nitroaniline, 3,5-dichloroaniline, 3-nitroaniline, 4-methyl-2-nitroaniline, 4-methyl-3-nitroaniline, 2,4,5-trichloroaniline, 3,4,5-trichloroaniline, 4-methoxy-2-nitroaniline, 2,4,6-trichloroaniline, 2,6-dichloro-4-nitroaniline, pentachloroaniline, 2-phenylsulphonaniline, tribenzylamine, 2,3,5,6-tetra-chloro aniline, 2-(trifluoromethyl) aniline, 2-chloro-4-methyl aniline, 2-aminoacetopheone and 4-chloro-2-nitroaniline	ANILIDEN in house method	A
77	Water	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); HPLC-UV/fluorescence naphthalene, acenaphtalene, acenaphtene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, beno(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, dibenzo(a,h)anthracene and indeno(1,2,3,cd)pyrene	LC01GW in house method	A

of **Eurofins Omegam B.V.**

This annex is valid from: **20-12-2023 to 01-06-2025**

Replaces annex dated: **29-11-2023**

No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
78	Drinking water, groundwater and surface water	Determination of the content of pesticides: HPLC-ESPOS-MS/MS abamectin, acetamiprid, aldicarb, aldicarb sulfone, aldicarb sulfoxide, amidosulfuron, anthraquinone, azaconazole, azinphos-methyl, azoxystrobin, bam, bifenox, bitertanol, boscalid, brodifacoum, bromacil, bromadiolone, buprofezin, butocarboxim, butocarboxim-sulphoxide, carbendazim, carbetamide, carbofuran, carboxin, chloorbromuron, chlorsulfuron, chlorotoluron, chloridazon, chloroxuron, clomazone, cloquintocet-mexyl, cyazofamid, cyproconazole, cyprodinil, DEET, diazinon, difenoxuron, diflubenzuron, diflufenican, dimethenamid, dimethomorph, diuron, DMST, dodin, ethofumesate, ethoxysulfuron, etoxazole, etrimfos, fenamidone, fenhexamid, fenoxaprop-p-ethyl ester, fenpropimorph, fenuron, flonicamid, fluopicolide, fluoxastrobin, flurtamone, flutolanil, fluvenacet foramsulfuron, formothion, phosphamidon (sum e + z) fosthiazate, furnecyclox, haloxyfop-Rmethyl, hexythiazox, imazalil, imidacloprid, iodocarb, iodosulfuron-methyl, iprodione, isoproturon, isoxaben, kresoxim-methyl, lenacil, linuron, lufenuron, mesosulfuron-methyl, mesotrione, metamitron, metconazole, methabenzthiazuron, methomyl, methoxyfenozide, metabromuron, metoxuron, metribuzin, monocrotophos, monolinuron, monuron, nuarimol, oxasulfuron oxydemeton-methyl, pencycuron, phosalone, phthalimide, picoxystrobin, pirimicarb, desmethyl-pirimicarb, propoxur, prosulfuron, pymetrozine, pyraclostrobin, pyroxsulam, quinoxyfen, quizalofop-ethyl, quizalofop-P, simazine, A spinosad, spinosad D spiroadiclofen, spiromesifen, sulcotrione, sulfosulfuron, SULPHOTEP, tebufenpyrad, thiacloprid, thiamethoxam, thifensulfuron-methyl, topramezon, triadimenol, triasulfuron, triclocarban trifloxystrobin, triforine, tritosulfuron, vamidothion and zoxamide	LCTQ1 in house method	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
79	Waste and seawater	Determination of the content of pesticides: HPLC-ESPOS-MS/MS acetamiprid, aldicarb, amidosulfuron, anthraquinone, azaconazole, azinphos-methyl, azoxystrobin, bam, bitertanol, boscalid, bromacil, buprofezin, butocarboxim, carbendazim, carbetamide, carbofuran, carboxin, chloorbromuron, chlorsulfuron, chlorotoluron, chloridazon, chloroxuron, clomazone, cycloxydim, cyproconazole, cyprodinil, DEET, diazinon, difenoxuron, diflubenzuron, diflufenican, dimethenamid, diuron, DMST, ethofumesate, etoxazole, fenamidone, fenhexamid, fenpropidin, fenpropimorph, fenuron, fluopicolide, flurtamone, flutolanil, flufenacet, foramsulfuron, formothion, phosphamidon, furmecycloz, haloxyfop-R methyl, hexythiazox, imazalil, imidacloprid, iodosulfuron-methyl, isoproturon, isoxaben, kresoxim-methyl, lenacil, linuron, methyl mesosulfuron, metamitron, metconazole, methabenzthiazuron, methomyl, methoxyfenozide, metobromuron, metoxuron, metribuzin, monocrotophos, monuron, nicosulfuron, nuarimol, oxasulfuron pencycuron, phthalimide, picoxystrobin, pirimicarb, desmethyl-pirimicarb, propoxur, prosulfuron, pymetrozine, pyraclostrobin, pyroxsulam, quizalofop-P, sethoxidim, simazine, A spinosad, spinosad D sulfosulfuron, thiabendazole, thiacloprid, thiamethoxam, thifensulfuron-methyl, topramezone, triadimenol, triasulfuron, triclocarban trifloxystrobin, triforine, tritosulfuron, vamidothion and zoxamide	LCTQ1 in house method	A
80	Drinking water, groundwater, seawater and surface water	Determination of the content of acid pesticides; HPLC-ESNEG+MS/MS 2,4-D, 2,4-DB, 2,4-DP, 2,4,5-T, 2,4-5-TP, bentazone, bromoxynil, chloroxynil, dinoseb, dinoterb, DNOC, fluazinam, fluroxypyr, HTI, ioxynil, MCPA, MCPB, MCPP, metsulfuron-methyl, pentachlorophenol, triclopyr, 2,4-DNP, teflubenzuron, 4-CPA, fipronil and haloxyfop	LCTQ2 in house method	A



Annex to declaration of accreditation (scope of accreditation)  
Normative document: EN ISO/IEC 17025:2017  
Registration number: **L 086**

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
81	Wastewater	Determination of the content of acid pesticides; HPLC-ESNEG+MS/MS 2,4-D, 2,4-DB, 2,4-DP, 2,4,5-T, 2,4-5-TP, bentazone, bromoxynil, chloroxynil, dinoseb, dinoterb, DNOC, fluroxypyr, HTI, ioxynil, MCPA, MCPB, MCPP, metsulfuron-methyl, triclopyr, 2,4-DNP, 4-CPA and haloxyfop	LCTQ2 in house method	A

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82	Soil, sludge and sediment	<p>Determination of the content of per- and polyfluoroalkylsubstances (PFAS);                      HPLC-MS/MS</p> <p>10:2 FTS (10:2 Fluorotelomer sulfonic acid),                      4:2 FTS (4:2 Fluorotelomer sulfonic acid),                      6:2 FTS (6:2 Fluorotelomer sulfonic acid),                      8:2 DiPAP (8:2 Fluorotelomer phosphate diester),                      8:2 FTS (8:2 Fluorotelomer sulfonic acid),                      9Cl-PF3ONS (F53-B) 9Cl-PF3ONS (F53-B) (9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid),                      ADONA (ammonium 4,8-dioxa-3H-perfluorononanoate),                      EtFOSA (N-ethyl perfluorooctanesulfonamide),                      EtFOSAA (perfluorooctanesulfonylamide(N-ethyl)acetate),                      HFPO-DA (GenX) (2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)- propanoic acid)                      MeFBSAA (perfluorobutanesulfonylamide(N-methyl)acetate),                      MeFOSA (N-methyl perfluorooctanesulfonamide),                      MeFOSAA (N-methyl perfluorooctanesulfonamidoacetate),                      P37DMA (perfluoro-3,7-dimethyloctanoic acid),                      PFBA (perfluorobutanoic acid),                      PFBS (perfluorobutanesulfonic acid),                      PFBSA (perfluorobutanesulfonamide),                      PFDA (perfluorodecanoic acid),                      PFDoDA (perfluorododecanoic acid),                      PFDS (perfluorodecanesulfonic acid ),                      PFHpA (perfluoroheptanoic acid),                      PFHpS (perfluoroheptanesulfonic acid),                      PFHxA (perfluorohexanoic acid),                      PFHxDA (perfluorohexadecanoic acid),                      PFHxS (perfluorohexanesulfonic acid),                      PFNA (perfluorononanoic acid),                      PFOA branched (perfluorooctanoic acid),                      PFOA linear (perfluorooctanoic acid),                      PFODA (perfluorooctadecanoic acid),                      PFOS branched (perfluorooctanesulfonic acid),                      PFOS linear (perfluorooctanesulfonic acid),                      PFOSA (perfluorooctanesulfonamide),                      PFPeA (perfluoropentanoic acid),                      PFPeS (perfluoropentanesulfonic acid),                      PFTeDA (perfluorotetradecanoic acid),                      PFTrDA (perfluorotridecanoic acid) and                      PFUnDA (perfluoroundecanoic acid)</p>	LCTQ-PFAS in house method	A
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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
83	Groundwater, waste water, surface water, drinking water and rainwater, soil and sediment	Determination of the content of extractable organic halogens (EOX); microcoulometry	MC10GW in house method	A
84	Waste water	Determination of the content of extractable organic halogens (EOX); microcoulometry	MC10GW NEN 6676 (1994)	A
85	Drinking water, groundwater and surface water	Determination of the content of pesticides; GC-MS/MS  gamma-HCH (lindaan)	ORG-222  in house method	A
86	Adsorption material of air	Determination of the content of polycyclic aromatic hydrocarbons; isotopedilution and GC-MS  phenantrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene and benzo(ghi)pyrene	ORG-217 ambient air: ISO 12884  other matrices: in house method	A
87	Water	Determination of the content of polycyclic aromatic hydrocarbons; isotope dilution and GC-MS  naphthalene, acenaphthylene, acenaphthene, fluorene, phenantrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenzo(ah)anthracene and benzo(ghi)pyrene	ORG-217 in house method	A

**AP04-verrichtingen** (versie 23-06-2016) (NAW-0132), **pakket SG1 (samenstelling grond)** (versie 23-06-2016) (NAW-0132-3)  
**volledig pakket**

--	Soil	Sample pre-treatment for AP04-SG1	VBXXBS AP04-V	A
88	Soil	Determination of pH-CaCl <sub>2</sub> ; potentiometry	FYX0G AP04-SG-I and NEN-ISO 10390	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
89	Field moist soil	Determination of dry matter content; gravimetry	GR10G AP04-SG-II and NEN-EN 15934	A
90	Air dried soil	Determination of dry matter content; gravimetry	GR10G AP04-SG-II and NEN-EN 15934	A
91	Soil	Determination of clay content; pipet method	LUTUM-NEN AP04-SG-III and NEN 5753	A
92	Soil	Determination of the content of organic matter; gravimetry	GR20G AP04-SG-IV and NEN 5754	A
93	Soil	Determination of the content of elements; ICP-MS copper, zinc, arsenic, lead, cadmium, nickel, chromium, antimony, barium, cobalt, molybdenum, tin, mercury (non volatile) and vanadium	ICPMS00K AP04-SG-V, AP04-SG-VI and NEN-EN-ISO 17294-2 (digestion NEN 6961)	A
94	Soil	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); HPLC-UV/fluorescence naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3,cd)pyrene and the sum of these 10 PAHs	LC01GW AP04-SG-IX and 6970, NEN 6972 and NEN 6977	A
95	Soil	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); GC-MS naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3,cd)pyrene and the sum of these 10 PAHs	MS16GW AP04-SG-IX	A
96	Soil	Determination of the content of polychlorinated biphenyls (PCBS); GC-ECD PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5 2,5' tetrachlorobiphenyl), PCB 101 (2,4 5 2',5' pentachlorobiphenyl), PCB 118 (2,4,5 3',4' pentachlorobiphenyl), PCB 138 (2,3,4 2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5 2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5 2',4',5' heptachlorobiphenyl) and the sum of seven PCBs	HK3_5BSB AP04-SG-X	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
97	Soil	Determination of the content of polychlorinated biphenyls (PCBs); GC-MS PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5 2,5' tetrachlorobiphenyl), PCB 101 (2,4 5 2',5' pentachlorobiphenyl), PCB 118 (2,4,5 3',4' pentachlorobiphenyl), PCB 138 (2,3,4 2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5 2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5 2',4',5' heptachlorobiphenyl) and the sum of seven PCBs	MS16GW AP04-SG-X	A
98	Soil	Determination of the content of polychlorinated biphenyls (PCBs); GC-MS/MS PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5 2,5' tetrachlorobiphenyl), PCB 101 (2,4 5 2',5' pentachlorobiphenyl), PCB 118 (2,4,5 3',4' pentachlorobiphenyl), PCB 138 (2,3,4 2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5 2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5 2',4',5' heptachlorobiphenyl) and the sum of seven PCBs	MS17GW AP04-SG-X	A
99	Soil	Determination of the content of mineral oil; GC-FID	GC10B AP04-SG-XI	A
<b>AP04-voorzieningen</b> (versie 23-06-2016) (NAW-0132), <b>pakket SG2 (samenstelling grond)</b> (versie 23-06-2016) (NAW-0132-3) <b>volledig pakket</b>				
--	Soil	Sample pre-treatment for AP04-SG2	VBXXBS AP04-V	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
100	Soil	Determination of the content organochlorine pesticides(OCPs); GC-ECD hexachlorobenzene (HCB), alpha-hexachlorocyclohexane (alpha-HCH), beta-hexachlorocyclohexane (beta-HCH), gamma -hexachlorocyclohexane (gamma-HCH), delta-hexachlorocyclohexane (delta-HCH), endosulphansulphate, aldrin, dieldrin, endrin, sum of these three 'drins', o,p'-DDD, p,p'-DDD, the sum of these two DDDs, o,p'-DDE, p,p'-DDE, the sum of these two DDEs, o,p'-DDT, p,p'-DDT, sum of these two DDT's, isodrin, telodrin, hexachlorobutadiene, heptachlor, alpha-endosulphan, cis-heptachloroepoxide, trans-heptachloroepoxide,the sum of these two heptachloroepoxides, cis-chlordane, trans-chlordane and the sum of these two chlordanes and sum of organochlorine pesticides	HK3_5BSB AP04-SG-XIV	A
101	Soil	Determination of the content of non-volatile chlorobenzene; GC-ECD 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, sum of these three trichlorobenzenes, 1,2,3,4-tetrachlorobenzene, 1,2,3,5-tetrachlorobenzene, 1,2,4,5-tetrachlorobenzene, sum of these three tetrachlorobenzenes, pentachlorobenzene and hexachlorobenzene	HK3_5BSB AP04-SG-XV	A
102	Soil	Determination of the content of non-volatile chlorobenzene; GC-MS/MS 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, sum of these three trichlorobenzenes, 1,2,3,4-tetrachlorobenzene, 1,2,3,5-/1,2,4,5-tetrachlorobenzene (sum), sum of these three tetrachlorobenzenes, pentachlorobenzene and hexachlorobenzene	MS17GW AP04-SG-XV	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
103	Soil	Determination of the content of organochlorine pesticides (OCPs); GC-MS/MS hexachlorobenzene (HCB), alpha hexachlorocyclohexane (alpha-HCH), beta-hexachlorocyclohexane (beta-HCH), gamma-hexachlorocyclohexane (gamma-HCH), delta-hexachlorocyclohexane (delta-HCH), endosulphansulphate, aldrin, dieldrin, endrin, sum of these three 'drins', o,p'-DDD, p,p'-DDD, the sum of these two DDDs, o,p'-DDE, p,p'-DDE, the sum of these two DDEs, o,p'-DDT, p,p'-DDT, sum of these two DDT's, isodrin, telodrin, hexachlorobutadiene, heptachlor, alpha-endosulphan, cis-heptachloroepoxide, trans-heptachloroepoxide, the sum of these two heptachloroepoxides, cis-chlordane, trans-chlordane and the sum of these two chlordanes and sum of organochlorine pesticides	MS17GW AP04-SG-XIV	A

**AP04-verrichtingen** (versie 23-06-2016) (NAW-0132), **pakket SG4 (samenstelling grond)** (versie 23-06-2016) (NAW-0132-3)  
**volledig pakket**

--	Soil	Sample pre-treatment for AP04-SG4	VBXXBS AP04-V	A
104	Soil	Determination of the content of free cyanide and total cyanide; spectrophotometry	AA04 AP04-SG-VII	A
105	Soil	Determination of the content of chloride; ion chromatography	IC20W and AA10G AP04-SG-XII	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
<b>AP04-verrichtingen</b> (versie 23-06-2016) (NAW-0132), <b>pakket SG5 (samenstelling grond)</b> (versie 23-06-2016) (NAW-0132-3) <b>volledig pakket (waarbij de bepaling van het gehalte aan organostikstof- en organofosforbestrijdingsmiddelen structureel uitbesteed wordt)</b>				
--	Soil	Sample pre-treatment for AP04-SG5	VBXXBS AP04-V and NEN-EN 16179	A
106	Soil	Determination of the content of chlorophenols; GC-ECD 2-chlorophenol, 3-chlorophenol, 4-chlorophenol, sum of these three chlorophenols, 2,3-dichlorophenol, sum of 2,4 + 2,5-dichlorophenol, 2,6-dichlorophenol, 3,4-dichlorophenol, 3,5-dichlorophenol, sum of these six dichlorophenols, 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 3,4,5-trichlorophenol, sum of these six trichlorophenols, 2,3,4,5-tetrachlorophenol, 2,3,4,6-tetrachlorophenol, 2,3,5,6-tetrachlorophenol, sum of these three tetrachlorophenols and pentachlorophenol	HK70GW AP04-SG-XIII	A
107	Soil	Determination of the content of aromatic solvents; 'purge and trap' and GC-MS 1,2,3-trimethyl benzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-ethyl toluene, sum of 3-ethyl toluene and 4-ethyl toluene, isopropylbenzene, propylbenzene and the sum of aromatic solvents	VL30G.VOO en VL30TEKMS AP04-SG-XVII	A
108	Soil	Determination of the content of elements; ICP-MS silver	ICPMS00K AP04-SG-V, digestion NEN 6961, analysis NEN-EN-ISO 17294-2	A
<b>AP04-verrichtingen</b> (versie 23-06-2016) (NAW-0132), <b>pakket SG6 (samenstelling grond)</b> (versie 23-06-2016) (NAW-0132-3) <b>volledig pakket</b>				
--	Soil	Sample pre-treatment for AP04-SG6	VBXXBS AP04-V and NEN 5898	A
109	Soil	Determination of the content of asbestos; stereo and polarized light microscopy Chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST AP04-SG-XVIII and NEN 5898	A



Annex to declaration of accreditation (scope of accreditation)  
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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
<b>AP04-verrichtingen</b> (versie 23-06-2016) (NAW-0132), <b>pakket SG8 (samenstelling grond)</b> (versie 23-06-2016) (NAW-0132-3) <b>volledig pakket</b>				
--	Soil	Sample pre-treatment for AP04-SG8	VBXXBS AP04-V	A
110	Soil	Determination of the content of elements; ICP-MS beryllium, tellurium, thallium and selenium	ICPMS00K AP04-SG-V and NEN-EN-ISO17294-2 (digestion NEN 6961)	A
<b>AP04-verrichtingen</b> (versie 23-06-2016) (NAW-0132), <b>pakket SB1 (samenstelling bouwstoffen, niet zijnde grond)</b> (versie 23-06-2016) (NAW-0132-2) <b>volledig pakket</b>				
--	Building materials	Sample pre-treatment for AP04-SB1	VBXXBS AP04-V	A
111	Field moist building material	Determination of dry matter content; gravimetry	GR10G AP04-SB-I	A
112	Air dried building material	Determination of dry matter content; gravimetry	GR10G AP04-SB-I	A
113	Building materials (bituminous materials excluded)	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); HPLC-UV/fluorescence  naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3,cd)pyrene and the sum of these 10 PAHs	LC01GW AP04-SB-III (performance NEN 6970, NEN 6972 and NEN 6977)	A
114	Building materials (bituminous materials excluded)	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); GC-MS  naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3,cd)pyrene and the sum of these 10 PAHs	MS16GW AP04-SB-III	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
115	Building materials	Determination of the content of polychlorinated biphenyls (PCBs); GC-MS PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5,2,5' tetrachlorobiphenyl), PCB 101 (2,4,5,2',5' pentachlorobiphenyl), PCB 118 (2,4,5,3',4' pentachlorobiphenyl), PCB 138 (2,3,4,2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5,2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5,2',4',5' heptachlorobiphenyl) and the sum of these seven PCBs	MS16GW AP04-SB-IV	A
116	Building materials	Determination of the content of polychlorinated biphenyls (PCBs); GC-ECD PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5,2,5' tetrachlorobiphenyl), PCB 101 (2,4,5,2',5' pentachlorobiphenyl), PCB 118 (2,4,5,3',4' pentachlorobiphenyl), PCB 138 (2,3,4,2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5,2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5,2',4',5' heptachlorobiphenyl) and the sum of these seven PCBs	HK3_5BSB AP04-SB-VI	A
117	Building materials	Determination of the content of mineral oil; GC-FID	GC10B AP04-SB-V	A

**AP04-voorzieningen** (versie 23-06-2016) (NAW-0132), **pakket SB5 (samenstelling bouwstoffen, niet zijnde grond)** (versie 23-06-2016) (NAW-0132-2)

**volledig pakket**

--	Building materials	Sample pre-treatment for AP04-SB5	VBXXBS AP04-V and NEN 5898	A
118	Building materials	Determination of the content of asbestos; stereo and polarized light microscopy Chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST AP04-SB-VI and NEN 5898	A

**AP04-voorzieningen** (versie 23-06-2016) (NAW-0132), **pakket U1 (uitloogonderzoek; grond, niet-vormgegeven en vormgegeven bouwstoffen; niet diffusie bepaalde uitloging)** (versie 23-06-2016) (NAW-0132-4)  
**volledig pakket (waarbij de bepaling van het gehalte aan cyanide structureel uitbesteed wordt)**

--	Soil and building materials	Sample pre-treatment for AP04-U1 (and AP04-E)	VBXXBS AP04-V	A
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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
c	Soil and building materials	Determination of the leaching of inorganic components with the column test Associated analyses of eluates are mentioned below in package E 'AP04-tests, analysis of eluates'	ULKOL-A AP04-U-I and NEN 7383	A

**AP04-verrichtingen** (versie 23-06-2016) (NAW-0132), **pakket E (analyse van eluaten)** (versie 23-06-2016) (NAW-0132-1)  
**niet-volledig pakket**

119	Eluates	Determination of pH; potentiometry	FY10W AP04-U-IV and NEN-EN-ISO 10523	A
120	Eluates	Determination of electric conductivity (EC); conductometry	FY12WG AP04-U-V and NEN-ISO 7888	A
121	Eluates	Determination of the content of elements; ICP-MS lead, cadmium, zinc, nickel, arsenic, chromium, copper, molybdenum, barium, tin, cobalt, antimony, selenium, vanadium and calcium	ICPMS1S AP04-E-I to -VII, -IX to -XV and XIX and NEN-EN-ISO 17294-2	A
122	Eluates	Determination of the content of mercury; CV-AAS	AFI01 AP04-E-VII and NEN 7324	A
123	Eluates	Determination of the content of bromide, chloride and sulphate; ion chromatography	IC20W AP04-E-XVII and NEN-EN-ISO 10304-1	A
124	Eluates	Determination of the content of fluoride; potentiometry (preceded by continuous flow analysis)	IS30W AP04-E-XVIII	A

**AS SIKB 3000** (versie 23-06-2016) (NAW-0133), **protocol 3010** (versie 23-06-2016) (NAW-0133-2); **(Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond standaardpakket) volledig pakket**

--	Soil	Sample pre-treatment for AS3010	VB AS3000 AS3000 and NEN-EN 16179	A
125	Soil	Determination of pH-CaCl <sub>2</sub> ; potentiometry	FYX0G performance sheet 3010-1 and NEN-ISO 10390	A
126	Soil	Determination of the content of dry matter content; gravimetry	GR10G and GR10MW performance sheet 3010-2	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
127	Soil	Determination of clay content; pipet method	GR50G performance sheet 3010-4 and NEN 5753	A
128	Soil	Determination of the content of organic matter; gravimetry	GR20G performance sheet 3010-3 and NEN 5754	A
129	Soil	Determination of the content of elements; ICP-MS barium, cadmium, cobalt, copper, lead, molybdenum, nickel, mercury (non volatile) and zinc	ICPMS00K performance sheet 3010-5 and NEN-EN-ISO 17294-2 (digestion NEN 6961)	A
130	Soil	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); GC-MS naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3,cd)pyrene and the sum of these 10 PAHs	MS16GW performance sheet 3010-6	A
131	Soil	Determination of the content of polychlorinated biphenyls (PCBs); GC-ECD PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5,2,5' tetrachlorobiphenyl), PCB 101 (2,4,5,2',5' pentachlorobiphenyl), PCB 118 (2,4,5,3',4' pentachlorobiphenyl), PCB 138 (2,3,4,2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5,2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5,2',4',5' heptachlorobiphenyl) And the sum of seven PCBs	HK3-5GW performance sheet 3010-8	A
132	Soil	Determination of the content of polychlorinated biphenyls (PCBs); GC-MS PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5,2,5' tetrachlorobiphenyl), PCB 101 (2,4,5,2',5' pentachlorobiphenyl), PCB 118 (2,4,5,3',4' pentachlorobiphenyl), PCB 138 (2,3,4,2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5,2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5,2',4',5' heptachlorobiphenyl) And the sum of seven PCBs	MS16GW performance sheet 3010-8	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
133	Soil	Determination of the content of polychlorinated biphenyls (PCBs); GC-MS/MS  PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5,2,5' tetrachlorobiphenyl), PCB 101 (2,4,5,2',5' pentachlorobiphenyl), PCB 118 (2,4,5,3',4' pentachlorobiphenyl), PCB 138 (2,3,4,2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5,2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5,2',4',5' heptachlorobiphenyl) And the sum of seven PCBs	MS17GW performance sheet 3010-8	A
134	Soil	Determination of the content of mineral oil; GC-FID	GC10G performance sheet 3010-7	A

**AS SIKB 3000** (versie 23-06-2016) (NAW-0133), **protocol 3020** (versie 23-06-2016) (NAW-0133-2) (**Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend I) volledig pakket**

--	Soil	Sample pre-treatment for AS3020	VB AS3000 AS3000 and NEN-EN 16179	A
135	Soil	Determination of the content of polychlorinated biphenyls (PCBs) and organochlorine pesticides (OCPs); GC-ECD  hexachlorobenzene, alpha-HCH, beta-HCH, gamma-HCH, aldrin, dieldrin, endrin, sum of these three 'drins', o,p'-DDD, p,p'-DDD, the sum of these two DDDs, o,p'-DDE, p,p'-DDE, the sum of these two DDEs, o,p'-DDT, p,p'-DDT, sum of these two DDT's, heptachlor, alpha-endosulphan, isodrin, telodrin, cis-heptachloroepoxide, trans-heptachloroepoxide, the sum of these two heptachloroepoxides, cis-chlordane, trans-chlordane and the sum of these two chlordanes and sum of organochlorine pesticides, hexachlorobutadiene	HK3_5GW performance sheet 3020-1	A
136	Soil	Determination of the content of tri- and tetrachlorobenzenes and penta- and hexachlorobenzenes; GC-ECD  1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, sum of these three trichlorobenzenes, 1,2,3,4-tetrachlorobenzene, 1,2,3,5-tetrachlorobenzene, 1,2,4,5-tetrachlorobenzene, sum of these three tetrachlorobenzenes, pentachlorobenzene and hexachlorobenzene	HK3-5GW performance sheet 3020-2	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
137	Soil	Determination of other organochlorine pesticides (OCP); GC-ECD delta-HCH and endosulphansulphate	HK3_5GW performance sheet 3020-3	A
138	Soil	Determination of the content of organochlorine pesticides (OCPs); GC-MS/MS  hexachlorobenzene, alpha-HCH, beta HCH, gamma-HCH, aldrin, dieldrin, endrin, sum of these three 'drins', o,p' DDD, p,p'-DDD, the sum of these two DDDs, o,p' DDE, p,p' DDE, the sum of these two DDEs, o,p' DDT, p,p' DDT, sum of these two DDTs, heptachlor, alpha-endosulphan, isodrin, telodrin, cis-heptachloroepoxide, trans-heptachloroepoxide, the sum of these two heptachloroepoxides, cis-chlordane, trans-chlordane and the sum of these two chlordanes and sum of organochlorine pesticides, hexachlorobutadiene	MS17GW performance sheet 3020-1	A
139	Soil	Determination of the content of tri- and tetrachlorobenzenes and penta- and hexachlorobenzenes; GC-MS/MS  1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5 trichlorobenzene, sum of these three trichlorobenzenes, 1,2,3,4-tetrachlorobenzene, 1,2,3,5-/1,2,4,5-tetrachlorobenzene (sum), sum of these three tetrachlorobenzenes, pentachlorobenzene and hexachlorobenzene	MS17GW performance sheet 3020-2	A
140	Soil	Determination of other organochlorine pesticides (OCP); GC-MS/MS delta-HCH and endosulfansulphate	MS17GW performance sheet 3020-3	A
<b>AS SIKB 3000 (versie 23-06-2016) (NAW-0133); protocol 3030 (versie 23-06-2016) (NAW-0133-2) (Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend II) volledig pakket</b>				
--	Soil	Sample pre-treatment for AS3030	VB AS3000 AS3000 and NEN-EN 16179	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
141	Soil	Determination of the content of volatile hydrocarbons and volatile halogenated hydrocarbons; 'purge and trap' and GC-MS volatile aromatic hydrocarbons: benzene, toluene, ethylbenzene, o-xylene, sum of (m+p)-xylene, sum of these three xylenes, styrene, sum of these aromatic solvents, naphthalene Volatile chlorinated hydrocarbons: mono chloro ethene (vinylchloride), dichloromethane, trichloromethane, tetrachloromethane, trichloroethene, tetrachloroethene, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, sum of these three dichloroethenes, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,1-dichloropropane, 1,2-dichloropropane, 1,3-dichloropropane, sum of these three dichloropropanes, tribromomethane, other volatile compounds: methyl -tert-butyl ether (MTBE) and ethyl tert-butyl ether (ETBE)	VL30G.VOO and VL30TEK.MS performance sheet 3030-1	A
142	Soil	Determination of the content of volatile chlorobenzene; 'purge and trap' and GC-MS monochlorobenzene, 1,2-dichlorobenzene, 1,3 dichlorobenzene, 1,4-dichlorobenzene and the sum of these three dichlorobenzenes	VL30G.VOO and VL30TEK.MS performance sheet 3030-2	A
143	Soil	Determination of the content of other aromatic solvents; 'purge and trap' and GC-MS 1,2,3-trimethyl benzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-ethyl toluene, sum of 3- and 4-ethyl toluene, isopropylbenzene, propylbenzene and the sum of aromatic solvents	VL30G.VOO and VL30TEK.MS performance sheet 3030-3	A

**AS SIKB 3000**(versie 23-06-2016) (NAW-0133); **protocol 3040**(versie 23-06-2016) (NAW-0133-2) **(Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend III) volledig pakket**

--	Soil	Sample pre-treatment for AS3040	VB AS3000 AS3000 and NEN-EN 16179	A
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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
144	Soil	Determination of the content of chloride; ion chromatography	IC20W performance sheet 3040-2 (measurement NEN-EN-ISO 10304-1, extraction VPR C85-06)	A
145	Soil	Determination of the content of cyanide (free, total and complex); photometry	AA04 performance sheet 3040-1	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3050</b> (versie 23-06-2016) (NAW-0133-2) <b>Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend IV) volledig pakket</b>				
--	Soil	Sample pre-treatment for AS3050	VB AS3000 AS3000 and NEN-EN 16179	A
146	Soil	Determination of the content of elements; ICP-MS antimony, arsenic, chromium, vanadium, tin, beryllium, tellurium, thallium and silver	ICPMS00K performance sheet 3050-1 and -2 and NEN-EN-ISO 17294-2 (digestion NEN 6961)	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3070</b> (versie 23-06-2016) (NAW-0133-2) <b>(Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend V) volledig pakket</b>				
--	Soil	Sample pre-treatment for AS3070	VB AS3000 AS3000 and NEN 5898	A
147	Soil	Determination of the content of asbestos; stereo and polarized light microscopy Chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST performance sheet 3070-1 and NEN 5898	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3110</b> (versie 23-06-2016) (NAW-0133-3) <b>(Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater standaardpakket) volledig pakket</b>				
148	Groundwater	Determination of pH; potentiometry	FY10W performance sheet 3110-1	A
149	Groundwater	Determination of electric conductivity (EC); conductometry	FY12WG performance sheet 3110-2 and NEN-ISO 7888	A
150	Groundwater	Determination of the concentration of elements; ICP-AES barium, cadmium, cobalt, copper, lead, molybdenum, nickel zinc and mercury	ICPMS1S performance sheet 3110-3 and NEN-EN-ISO 17294-2	A



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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
151	Groundwater	Determination of the content of non volatile mercury; CV-AAS	AFI00KMn performance sheet 3110-3 and NEN-EN-ISO 12846	A
152	Groundwater	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); HPLC-UV/fluorescence naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3,cd)pyrene and the sum of these ten PAHs	LC01GW performance sheet 3110-4	A
153	Groundwater	Determination of the content of mineral oil; GC-FID	GC10W performance sheet 3110-5	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3120</b> (versie 23-06-2016) (NAW-0133-3) ( <b>Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater aanvullend I); volledig pakket</b>				
154	Groundwater	Determination of the content of polychlorinated biphenyls (PCBs) and organochlorine pesticides (OCPs); GC-ECD PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, the sum of these seven PCBs; alpha-HCH, beta-HCH, gamma-HCH, delta-HCH, the sum of these four HCHs; aldrin, dieldrin, endrin, the sum of these three drins; p,p'-DDE, o,p'-DDD, o,p'-DDT, p,p'-DDD, o,p'-DDE, p,p'-DDT, the sum of these six DDs; heptachlor, alpha-endosulphan, cis-heptachloroepoxide, trans-heptachloroepoxide, the sum of these two heptachlorepoxyde, cis-chlordane, trans-chlordane and the sum of these two chlordanes	HK3_5GW performance sheet 3120-1	A
155	Groundwater	Determination of the content of tri-and tetra-chlorobenzenes, penta-and hexachlorobenzene; GC-ECD 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, sum of these three trichlorobenzenes, 1,2,3,4-tetrachlorobenzene, 1,2,3,5-tetrachlorobenzene, 1,2,4,5-tetrachlorobenzene, sum of these three tetrachlorobenzenes, pentachlorobenzene and hexachlorobenzene	HK3_5GW performance sheet 3120-2	A

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<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3130</b> (versie 23-06-2016) (NAW-0133-3) <b>(Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater aanvullend II); volledig pakket</b>				
156	Groundwater	Determination of the content of volatile aromatics, volatile hydrocarbons, MTBE and ETBE; 'purge and trap' and GC-MS volatile aromatic hydrocarbons: benzene, toluene, ethylbenzene, o-xylene, sum of (m+p)-xylene, sum of these three xylenes, styrene and naphthalene Volatile chlorinated hydrocarbons: mono chloro ethylene (vinyl chloride), dichloromethane, trichloromethane, tetrachloromethane, trichloroethene, tetrachloroethene, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, sum of these three dichloroethenes, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,1-dichloropropane, 1,2-dichloropropane, 1,3-dichloro propane, the sum of these dichloropropanes, tribromomethane (bromoform) other volatile compounds: methyl tert-butyl ether (MTBE), ethyl tert-butyl ether (ETBE)	VL30TEK.MS performance sheet 3130-1	A
157	Groundwater	Determination of the content of mono chlorobenzene and dichlorobenzene; 'purge and trap' and GC-MS monochlorobenzene, 1,2-dichlorobenzene, 1,3 dichlorobenzene, 1,4-dichlorobenzene and the sum of these three dichlorobenzenes	VL30TEK.MS performance sheet 3130-2	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3140</b> (versie 23-06-2016) (NAW-0133-3) <b>(Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater aanvullend III); volledig pakket</b>				
158	Groundwater	Determination of the content of anions; ionchromatography chloride, nitrate, ortho-phosphate and sulphate	IC20W performance sheet 3140-2 and NEN-EN-ISO 10304-1	A
159	Groundwater	Determination of the content of cyanide (free, total and complex); photometry	AA04 performance sheet 3140-1	A

Annex to declaration of accreditation (scope of accreditation)  
 Normative document: EN ISO/IEC 17025:2017  
 Registration number: **L 086**

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3150</b> (versie 23-06-2016) (NAW-0133-3) <b>(Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater aanvullend IV); volledig pakket</b>				
160	Groundwater	Determination of the concentration of elements; ICP-MS antimony, arsenic, chromium, tin, vanadium, beryllium, tellurium, thallium and silver	ICPMS1S performance sheet 3150-1 and -2 and NEN-EN-ISO 17294-2	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3210</b> (versie 23-06-2016) (NAW-0133-4) <b>(Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem standaard pakket) volledig pakket</b>				
--	Sediment	Sample pre-treatment for AS3210	VB AS3000 AS3000 and NEN 5719	A
161	Sediment	Determination of dry matter content; gravimetry	GR10G performance sheet 3210-1	A
162	Sediment	Determination of the content of organic matter; gravimetry	GR20G performance sheet 3210-2 and NEN 5754	A
163	Sediment	Determination of the content of fractions; pipette method fraction <2 µm (clay)	GR50G performance sheet 3210-3 and NEN 5753	A
164	Sediment	Determination of the content of elements; ICP-MS barium, cadmium, cobalt, copper, lead, molybdenum, nickel, mercury (non volatile) and zinc	ICPMS00K performance sheet 3210-4 and NEN-EN-ISO 17294-2 (digestion NEN 6961)	A
165	Sediment	Determination of the content of Polycyclic Aromatic Hydrocarbons (PAHs); GC-MS naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3,cd)pyrene and the sum of these 10 PAHs	MS16GW performance sheet 3210-5	A
166	Sediment	Determination of the content of mineral oil; GC-FID	GC10G performance sheet 3210-6	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
167	Sediment	Determination of the content of polychlorinated biphenyls (PCBs); GC-MS PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5 2,5' tetrachlorobiphenyl), PCB 101 (2,4 5 2',5' pentachlorobiphenyl), PCB 118 (2,4,5 3',4' pentachlorobiphenyl), PCB 138 (2,3,4 2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5 2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5 2',4',5' heptachlorobiphenyl) and the sum of these seven PCBs	MS16GW performance sheet 3210-7	A
168	Sediment	Determination of the content of polychlorinated biphenyls (PCBs); GC-ECD PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5 2,5' tetrachlorobiphenyl), PCB 101 (2,4 5 2',5' pentachlorobiphenyl), PCB 118 (2,4,5 3',4' pentachlorobiphenyl), PCB 138 (2,3,4 2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5 2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5 2',4',5' heptachlorobiphenyl) and the sum of these seven PCBs	HK3_5GW performance sheet 3110-7	A
169	Sediment	Determination of the content of polychlorinated biphenyls (PCBs); GC-MS/MS PCB 28 (2,4,4' trichlorobiphenyl), PCB 52 (2,5 2,5' tetrachlorobiphenyl), PCB 101 (2,4 5 2',5' pentachlorobiphenyl), PCB 118 (2,4,5 3',4' pentachlorobiphenyl), PCB 138 (2,3,4 2,4'5' hexachlorobiphenyl), PCB 153 (2,4,5 2',4',5' hexachlorobiphenyl), PCB 180 (2,3,4,5 2',4',5' heptachlorobiphenyl) and the sum of these seven PCBs	MS17GW performance sheet 3210-7	A

**AS SIKB 3000** (versie 23-06-2016) (NAW-0133), **protocol 3220** (versie 23-06-2016) (NAW-0133-4) **(Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend I) volledig pakket**

--	Sediment	Sample pre-treatment for AS3220	VB AS3000 AS3000 and NEN 5719	A
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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
170	Sediment	Determination of the content of organochlorine pesticides (OCPs); GC-ECD hexachlorobutadiene, pentachlorobenzene, hexachlorobenzene, sum of chlorobenzenes, alpha-hexachlorocyclohexane (alpha-HCH), beta-hexachlorocyclohexane (beta-HCH), gamma-hexachlorocyclohexane (gamma-HCH), the sum of these three HCHs, aldrin, dieldrin, endrin, the sum of these three 'drins', isodrin, telodrin, o,p'-DDD, p,p'-DDD, the sum of these two DDDs, o,p'-DDE, p,p'-DDE, the sum of these two DDEs, o,p'-DDT, p,p'-DDT, sum of these two DDT's, the sum of these six DDs, heptachlor, alpha-endosulphan, cis-heptachloroepoxide, trans-heptachloroepoxide, the sum of these two heptachloroepoxides, cis-chlordane, trans-chlordane and the sum of cis- and trans chlordanes	HK3_5GW performance sheet 3220-1	A
171	Sediment	Determination of the content of other organochlorine pesticides (OCPs); GC-ECD delta-HCH, the sum of HCHs, endosulphansulphate	HK3_5GW performance sheet 3220-2	A
172	Sediment	Determination of the content of organochlorine pesticides (OCPs); GC-MS/MS hexachlorobutadiene, pentachlorobenzene, hexachlorobenzene, sum of chlorobenzenes, alpha-HCH, beta-HCH, gamma-HCH, the sum of these three HCHs, aldrin, dieldrin, endrin, the sum of these three 'drins', isodrin, telodrin, o,p'-DDD, p,p'-DDD, the sum of these two DDDs, o,p'-DDE, p,p'-DDE, the sum of these two DDEs, o,p'-DDT, p,p'-DDT, sum of these two DDTs, the sum of these six DDs, heptachlor, alpha endosulphan, cisheptachloroepoxide, trans-heptachloroepoxide, the sum of these two heptachloroepoxides, cis-chlordane, transchlordane and the sum of these two chlordanes	MS17GW performance sheet 3220-1	A
173	Sediment	Determination of the content of other organochlorine pesticides (OCPs); GC-MS/MS delta-HCH, the sum of HCHs, endosulphansulphate	MS17GW performance sheet 3220-2	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133), <b>protocol 3230</b> (versie 23-06-2016) (NAW-0133-4) <b>(Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend II) volledig pakket</b>				
--	Sediment	Sample pre-treatment for AS3230	VB AS3000 AS3000 and NEN 5719	A
174	Sediment	Determination of the content of monochlorobenzenes and dichlorobenzene; GC-MS monochlorobenzene, 1,2-dichlorobenzene, 1,3 dichlorobenzene, 1,4-dichlorobenzene and the sum of the dichlorobenzenes	VL30G.VOO and VL30TEK.MS performance sheet 3230-1	A
175	Sediment	Determination of the content of tri- and tetrachlorobenzenes; GC-ECD 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, sum of the trichlorobenzenes, 1,2,3,4-tetrachlorobenzene, 1,2,3,5-tetrachlorobenzene, 1,2,4,5-tetrachlorobenzene, sum of the tetrachlorobenzenes, and the sum of the chlorobenzenes	HK3_5GW performance sheet 3230-2	A
176	Sediment	Determination of the content of tri- and tetrachlorobenzenes; GC-MS/MS 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, sum of the trichlorobenzenes, 1,2,3,4-tetrachlorobenzene, 1,2,3,5-/1,2,4,5-tetrachlorobenzene (sum), sum of the tetrachlorobenzenes, and the sum of the chlorobenzenes	HK3_5GW performance sheet 3230-2	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133), <b>protocol 3240</b> (versie 23-06-2016) (NAW-0133-4) <b>(Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend III) volledig pakket</b>				
--	Sediment	Sample pre-treatment for AS3240	VB AS3000 AS3000 and NEN 5719	A
177	Sediment	Determination of the content of cyanide (free, total and complex); spectrophotometry	AA04 performance sheet 3240-1	A
178	Sediment	Determination of the content of chloride; ion chromatography	IC20W performance sheet 3240-2 (measurement NEN-EN-ISO 10304-1)	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
179	Sediment	Determination of pH-H <sub>2</sub> O; potentiometry	FYX0G performance sheet 3240-3 and NEN-ISO 10390	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3250</b> (versie 23-06-2016) (NAW-0133-4) <b>(Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend IV) volledig pakket</b>				
--	Sediment	Sample pre-treatment for AS3250	VB AS3000 AS3000 and NEN 5719	A
180	Sediment	Determination of the content of elements; ICP-MS antimony, arsenic, chromium, tin and vanadium	ICPMS00K performance sheet 3250-1 and NEN-EN-ISO 17294-2 (digestion NEN 6961)	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3260</b> (versie 23-06-2016) (NAW-0133-4) <b>(Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend V) volledig pakket</b>				
--	Sediment	Sample pre-treatment for AS3260	VB AS3000 AS3000 and NEN 5719	A
181	Sediment	Determination of the content of pentachlorophenol; GC-ECD	HK70GW performance sheet 3260-1	A
182	Sediment	Determination of the content of organotin compounds; GC-MS tributyltin compounds (TBT), triphenyltin compounds (TPT) and the sum of the organotin compounds	MSOTGW performance sheet 3260-2	A
<b>AS SIKB 3000</b> (versie 23-06-2016) (NAW-0133); <b>protocol 3270</b> (versie 23-06-2016) (NAW-0133-4) <b>(Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend VI) volledig pakket</b>				
--	Sediment	Sample pre-treatment for AS3270	VB AS3000 AS3000 and NEN 5898	A
183	Sediment	Determination of the content of asbestos; stereo and polarized light microscopy Chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST performance sheet 3270-1 and NEN 5898	A
<b>Microbiological parameters</b>				
184	Bathing water, surface water and wastewater	Detection and enumeration of intestinal enterococci; MPN technique with microplates	BA30W NEN-EN-ISO 7899-1	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
185	Bathing water, surface water and wastewater	Detection and enumeration of Escherichia coli; MPN technique with microplates	BA20W NEN 9308-3	A

#### Hydrobiological analyses

186	Surface water (fresh and brackish)	Determination of the density and biovolume of five potential toxic cyanobacteria; sedimentation chambers (microscopy and image analysis)	FYTOPLANKTON counting: NEN-EN 15204 biovolume: in house method	A
187	Surface water (fresh and brackish)	Determination of the species composition and density of phytoplankton; sedimentation chambers (microscopy and image analysis)	FYTOPLANKTON counting: NEN-EN 15204	A
188	Surface waters, under water substrates and water beds (fresh and brackish)	Determination of the species composition of macro-invertebrates (> 500 µm); sorting method (lightbox and microscopy)	A-207 in house method	A
189	Surface waters and waterbeds (marine and brackish)	Determining the species composition of macro-invertebrates; sorting method (lightbox and microscopy)	A-211 in house method	A, Y
190	Substrate and surface water (fresh and brackish)	Determining the species composition and percentage cover of water vegetation and riparian vegetation. Vegetation sampling (assessment in accordance with WFD).	V-050 in house method	A

#### Geotechnical parameters

191	Soil and sludge	Determination of the content of carbonates; volumetric method	BFSCHEIB NEN-ISO 10693	A
192	Air dried soil	Determination of dry matter content; gravimetry	GR10G and GR10MW in house method	A
193	Sludge	Determination of evaporation residue (dry matter content); gravimetry	GR10G and GR10MW in house method	A
194	Soil and sludge	Determination of loss-on-ignition and the total residue on evaporation; gravimetry	GR20G NEN 5754 and NEN-EN 12879	A



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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
195	Soil and sludge	Determination of the particle size distribution curve 2 µm - 8 mm and geotechnical identification and classification of soils and determination of the fractions between 2 and 63 µm; sieve and sedimentation	GRAN_SED (scg_kgv) in house method	A
196	Soil and sludge	Determination of the clay content; pipette method	LUTUM-NEN NEN 5753	A
197	Soil and sludge	Determination of the clay content; sedigraph (photo sedimentation)	GRAN_SED (sedigraph) in house method	A
198	Soil	Determination of density, moisture content, porosity and saturation level of samples from soil borings; gravimetry	VOLUMMON in house method	A
199	Soil and sludge	Sample pre-treatment for physical-chemical analysis	BFVOORB NEN-EN 16179	A
200	Soil and sludge	Determination of the clay content (fraction < 2 µm); semi-micro method	GR50G NEN 5753	A
201	Sludge and mixtures of water and sludge	Determination of the amount of settleable solids; volumetry	BF-BEZV NEN 6623	A
202	Asphalt (cores), cores and roads material (pavement material)	Determination of pavement layer thickness (pavement) and classification of construction layers of (pavement) material, geometric	LAAGDASF proef 77.1 (RAW 2020) en NEN-EN 12697-36	A
203	Asphalt (cores), cores and roads material (pavement material)	Detection of Polycyclic Aromatic Hydrocarbons (PAHs), PAH detector (PAH marker)	PAKMRK RAW 2020 Proef 77.2	A
204	Soil	Determination of the content of fraction <2 µm and fraction <20 µm; hydrometer	Areometer RAW proef 1 (RAW 2015)	A
205	Soil	Determination of the content of mineral particles passing sieve 63 µm; gravimetry	RAWZEV RAW proef 2 (RAW 2010)	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
206	Soil	Determination of the particle size distribution; gravimetry (dry sieving, wet sieving and dry post sieving)	RAWZEV RAW proef 6 (RAW 2005) RAW proef 11 (RAW 2010) voorbehandeling proef 1 (RAW 2015)	A
207	Soil	Determination of the plasticity of soil; gravimetry	RAWPLAST RAW proef 14 (RAW 2020)	A
208	Soil	Determination of the acidity (pH KCl), potentiometry	FYX0G RAW proef 27 (RAW 2020)	A
209	Soil	Determination of the concentration of salt load (EC): conductometry	FY12WG RAW proef 4 (RAW 2020)	A
210	Soil	Determination of the amount of loss on ignition, organic matter and CaCO <sub>3</sub> ; gravimetry	GR20G RAW proef 28 (RAW 2020)	A
211	Soil	Determination of texture (clay content and loam content); gravimetry	RAW-TEXTUUR RAW proef 29 (RAW 2010 en RAW 2020)	A
212	Soil	Determination of M-50-digit; gravimetry	RAW-TEXTUUR RAW proef 125 (RAW 2000)	A
213	Soil	Determination of organic matter; gravimetry	RAW-MASVER RAW proef 36 (RAW 2020)	A
214	Soil	Determination of the mass loss when treating soil with hydrochloric acid; gravimetry	RAW-MASVER RAW proef 37 (RAW 2020)	A
215	Soil	Determination of the salt content in soil moisture, ion chromatography	AA10G en IC20W RAW proef 38 (RAW 2020)	A
216	Soil	Determination of the water content; gravimetry	GR10G RAW test 161-1 (RAW 2005)	A

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
<b>Asbestos</b>				
217	Solids	Determination of the content of asbestos; stereo and polarised light microscopy (if necessary supplemented with SEM, Scanning Electron Microscopy, and X-ray microanalysis) chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASB-IDEN NEN 5896	A, B, S
218	Soil, sediment, building- and demolition waste and granulate	Determination of the content of asbestos; stereo and polarised light microscopy (if necessary supplemented with SEM, Scanning Electron Microscopy, and X-ray microanalysis) chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST NEN 5898	A
219	Soil, sediment, building- and demolition waste and granulate	Determination of the content of asbestos; stereo and polarised light microscopy (if necessary supplemented with SEM, Scanning Electron Microscopy, and X-ray microanalysis) chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST België CMA/2/III/C.2 CMA/2/III/C.3	A
220	Filter	Determination of fiber density of asbestos and inorganic fibrous particles with Scanning Electron Microscopy and X-ray analysis chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST-SEM NEN-ISO 14966	A, B, S
221	Sedimented dust and adhesive samples	Determination of the content of asbestos and of inorganic fibrous particles with Scanning Electron Microscopy and X-ray analysis chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST-SEM NEN-ISO 16000-27	A, B, S
222	Solids	Determination of fiber density of asbestos and inorganic fibrous particles with Scanning Electron Microscopy and X-ray analysis chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASB_IDEN en ASBEST-SEM VDI 3866 Blatt 5	A

Annex to declaration of accreditation (scope of accreditation)  
 Normative document: EN ISO/IEC 17025:2017  
 Registration number: **L 086**

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No.	Material or product	Type of activity <sup>1</sup>	Internal reference number	Location
223	Filter	Determination of fiber density of asbestos and inorganic fibrous particles with Scanning Electron Microscopy and X-ray analysis chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST-SEM NEN-ISO 14966 and VDI 3492	A
224	Sedimented dust, adhesive samples	Determination of the content of asbestos and inorganic fibrous particles with Scanning Electron Microscopy and X-ray analysis chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST-SEM NEN-ISO 16000-27 and VDI 3877-1	A
225	Sedimented dust, solids	Determination of the content of asbestos and inorganic fibrous particles with Scanning Electron Microscopy and X-ray analysis chrysotile, crocidolite, amosite, anthophyllite fibers, actinolite fibers, tremolite fibers	ASBEST-BIA IFA-BIA 7487	A