

Annex to declaration of accreditation (scope of accreditation)
Normative document: EN ISO/IEC 17025:2017
Registration number: **L 010**

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024** to **01-04-2025**

Replaces annex dated: **20-03-2024**

Location(s) where activities are performed under accreditation

Head Office

Gildeweg 44-46
3771 NB
Barneveld
The Netherlands

Location	Abbreviation/ location code
Gildeweg 44-46 3771 NB Barneveld The Netherlands	B
Zandbergsestraat 1 4569 TC Graauw The Netherlands	G

No.	Material or product	Type of activity ¹	Internal reference number	Location
Sampling				
a.	Wastewater	Wastewater sampling	W0602 NEN 6600-1	G
b.	Surface water	Surface water sampling	W0603 NEN 6600-2	G

¹ 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.

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

J.A.W.M. de Haas

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
Veldwerk bij milieuhygiënisch bodem en waterbodemonderzoek AS SIKB 2000 ^{(versie 07-02-2014) (NAW-0135-a)} , betrekking hebbend op protocol 2002 ^(NAW-0135-2-a) (heeft betrekking op de heren: M.P.T. van Damme, T.U. Heijens en D.L.C. de Poorter)				
c.	Groundwater	Sampling of groundwater samples for inorganic and organic analyses	W0604, W0622, W0623 and W0624 NEN 5744	G
Veldwerk bij milieuhygiënisch bodem en waterbodemonderzoek AS SIKB 2000 ^{(versie 07-02-2014) (NAW-0135-a)} , betrekking hebbend op protocol 2003 ^(NAW-0135-3-a) (heeft betrekking op de heren: M.P.T. van Damme, T.U. Heijens en D.L.C. de Poorter)				
d.	Sediment	Sampling of sediment for inorganic and organic analysis	W0652, W0661 and W0662 NEN 5706, NPR 5741, NEN 5742 and NEN 5743	G
Field measurements				
1.	Water and sludge	Temperature determination; thermometry	W0612 NEN 6414	G
2.	Water	Determination of the dissolved oxygen content; electrochemistry	W0614 NEN-EN-ISO 5814	G
3.	Water	Determination of pH; potentiometry	W0611 NEN-EN-ISO 10523	G
4.	Water	Determination of the electrical conductivity (EC); conductometry	W0613 NEN-ISO 7888	G
5.	Water	Determination of the water transparency; Secchi disk	W0615 NEN-EN-ISO 7027-2	G
Inorganic analysis (physical-chemical)				
6.	Soil, sludge, sediment and (bio)wastes	Determination of dry matter content; gravimetry	W0104 NEN-EN 15934	B
7.	Sludge	Determination of dry matter content; gravimetry	W0104 NEN-EN 12880	B
8.	Wastewater and eluates	Determination of the total residue on evaporation after drying; gravimetry	W0113 NEN 6499, NEN-EN 15216 and NEN-EN 15934	B
9.	Soil and sediment	Determination of clay content and the particle size distribution; sieve and pipette	W0105 and W0173 NEN 5753	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

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10.	Soil and sediment	Determination of the particle size distribution; laser diffraction	W0174 NEN-ISO 13320 (pre-treatment ISO 11277)	B
11.	Soil and sediment	Determination of organic matter content; loss-on-ignition method	W0109 NEN 5754	B
12.	Wastewater	Determination of residue on ignition; loss-on-ignition method	W0113 NEN 6499 and NEN-EN 15169:2007	B
13.	Soil, sludge, sediment and (bio)wastes	Determination of residue on ignition; loss-on-ignition method	W0109 NEN-EN 15935 and NEN 6499	B
14.	Soil	Determination of clay content; sieve and pipette	W0171 NEN 5753	B
15.	Drinking water and surface water	Determination of the content of suspended solids and the residue on ignition; gravimetry	W0552 NEN 6499 and NEN 6484	B
16.	Wastewater and (filterable) sludge	Determination of the content of suspended solids and the residue on ignition; gravimetry	W0552 NEN 6499 and NEN 6621:1988	B
17.	Wastewater, drinking water, groundwater and surface water	Determination of the content of suspended solids; gravimetry	W0552 NEN 6499 and NEN-EN 872	B
18.	Wastewater	Determination of the fat content; gravimetry	W0555 in house method	B
19.	Wastewater and mixtures of sludge/water	Determination of the amount of settleable solids	W0558 NEN 6623	B

Inorganic analysis (classical chemical)

20.	Wastewater, drinking water, groundwater, water from boiler plants, surface water and seawater	Determination of electrical conductivity; conductometry	W0506 NEN-ISO 7888	B
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of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
21.	Soil and sediment	Determination of electrical conductivity; conductometry	W0506 NEN 5749	B
22.	Wastewater, drinking water, groundwater, water from boiler plants, surface water and seawater	Determination of pH; potentiometry	W0524 NEN-EN-ISO 10523	B
23.	(Sewage) sludge	Determination of pH; potentiometry	W0524 NEN-EN 12176:1998	B
24.	Soil and sediment	Determination of pH-CaCl ₂ , pH-KCl and pH-H ₂ O; potentiometry	W0524 NEN-EN-ISO 10390	B
25.	Wastewater, drinking water and groundwater	Determination of the content of fluoride; potentiometry	W0546 NEN 6578	B
26.	Wastewater, groundwater and surface water	Determination of biochemical oxygen demand	W0556 NEN-EN-ISO 5815-1, NEN-EN 1899-1:1998 and NEN-ISO 17289	B
27.	Wastewater, groundwater and surface water	Determination of the content of total nitrogen; chemiluminescence detection	W0592 NEN-EN-ISO 20236	B
28.	Wastewater, eluates, groundwater and surface water	Determination of the content of dissolved organic carbon (DOC), total organic carbon (TOC) and non-purgeable organic carbon (NPOC); infrared detection	W0590 NPR-CEN/TR 16192 and NEN-EN-ISO 20236 (NEN-EN 1484)	B
29.	Soil and sediment	Determination of the content of total organic carbon (TOC) total carbon (TC) and total inorganic carbon (TIC); infrared detection	W0594 NEN-EN 15936	B
30.	Wastewater, drinking water, groundwater, water from boiler plants, surface water, seawater and (sewage) sludge	Determination of chemical oxygen demand; titrimetry	W0553 NEN 6633:2006	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024** to **01-04-2025**

Replaces annex dated: **20-03-2024**

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31.	Water from boiler plants	Determination of the alkalinity (the P- and M-number); titrimetry	W0545 NEN-EN-ISO 9963-1	B
32.	Wastewater and groundwater	Determination of the total alkalinity (M-number); titrimetry	W0545 NEN-EN-ISO 9963-1	B
33.	Wastewater, drinking water and surface water	Determination of Kjeldahl nitrogen; spectrophotometry	W0554 in house method (mineralization NEN-ISO 5663 and analysis NEN-ISO 15923-1)	B
34.	Groundwater and wastewater	Determination of chemical oxygen demand; small-scale sealed-tube method, spectrophotometry	W0562 NEN-ISO 15705	B
35.	Wastewater, groundwater and surface water	Determination of Kjeldahl nitrogen; continuous flow analysis and spectrophotometry	W0520 NEN 6646 (mineralization NEN-ISO 5663)	B
36.	Wastewater, drinking water and groundwater	Determination of the content of anionic surfactants (MBAS); continuous flow analysis and spectrometry	W0531 NEN-EN-ISO 16265	B
37.	Wastewater, drinking water, groundwater and surface water	Determination of the content of total cyanide and free cyanide; continuous flow analysis and spectrometry	W0517 NEN-EN-ISO 14403-2	B
38.	Soil and sediment	Determination of the content of total cyanide and free cyanide; continuous flow analysis and spectrometry	W0117 and W0517 NEN-EN-ISO 17380	B
39.	Wastewater, drinking water, groundwater and surface water	Determination of the content of sulphate; continuous flow analysis and spectrometry	W0521 sulphate NEN-ISO 22743	B
40.	Wastewater, groundwater and surface water	Determination of phenol index; continuous flow analysis and spectrometry	W0544 NEN-EN-ISO 14402	B
41.	Eluates	Determination of phenol index; continuous flow analysis and spectrometry	W0544 NPR-CEN/TR 16192 and NEN-EN-ISO 14402	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

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42.	Wastewater, drinking water, groundwater, water from boiler plants and surface water	Determination of the content of ions; discrete analysis and spectrometry ammonium, chloride, nitrate, nitrite and ortho-phosphate	W0566 NEN-ISO 15923-1	B
43.	Groundwater	Determination of the content of dissolved anions; liquid chromatography of ions chloride, bromide, sulphate, nitrite, nitrate and fluoride	W0504 NEN-EN-ISO 10304-1	B
44.	Eluates	Determination of the content of dissolved anions; liquid chromatography of ions chloride, bromide, sulphate and fluoride	W0504 NEN-EN-ISO 10304-1	B
45.	Groundwater and eluates	Determination of the content of chromium VI; liquid chromatography of ions	W0588 in house method (analysis NEN-EN-ISO 15192)	B
46.	Soil	Determination of the content of chromium VI; liquid chromatography of ions	W0588 NEN-EN-ISO 15192	B
47.	(Paint)wate	Determination of the content of chromium VI; chromatography of ions	W0111 and W0588 in house method	B

Inorganic analysis (element determinations)

48.	Soil and waste materials	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) arsenic, cadmium, chromium, copper, lead, nickel and zinc	W2107 and W2423 CMA/2/I/B.5 (digestion CMA/2/II/A.3)	B
49.	Soil, sediment and destruates of soil- and stone-like building materials and (bio)waste materials	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) aluminium, antimony, arsenic, barium, cadmium, calcium, chromium, phosphor, potassium, cobalt, copper, mercury, lead, magnesium, manganese, molybdenum, sodium, nickel, selenium, tin, titanium, vanadium, iron, zinc and sulphur	W0107 and W0423 NEN-EN-ISO 17294-2 (digestion NEN 6961 and NEN-EN 16174:2012)	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
50.	Soil and sediment	Determination of the content of of extractable elements using dilute nitric acid; inductively coupled plasma with mass spectrometry (ICP-MS) aluminium, antimony, arsenic, barium, beryllium, boron, cadmium, calcium, chromium, phosphor, potassium, cobalt, copper, lead, magnesium, manganese, molybdenum, sodium, nickel, selenium, strontium, tin, titanium, vanadium, iron and zinc	W0157 and W0421 in house method (analysis NEN-EN-ISO 17294-2) (digestion NEN-ISO 17586)	B
51.	Soil	Determination of the content of chromium VI; inductively coupled plasma with mass spectrometry (ICP-MS)	W0588 and W0425 in house method	B
52.	Wastewater and surface water	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) aluminium, antimony, arsenic, barium, beryllium, boron, cadmium, calcium, cerium, chromium, phosphor, potassium, cobalt, copper, mercury, lead, magnesium, manganese, molybdenum, sodium, nickel, selenium, strontium, tellurium, thallium, tin, titanium, vanadium, iron, silver, zinc and sulphur	W0108 and W0425 NEN-EN-ISO 17294-2 (digestion NEN 6961 and NEN-EN-ISO 15587-1)	B
53.	Groundwater, eluates and drinking water	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) aluminium, antimony, arsenic, beryllium, barium, cadmium, calcium, chromium, potassium, cobalt, copper, mercury, lead, magnesium, manganese, molybdenum, sodium, nickel, selenium, tin, titanium, vanadium, iron and zinc	W0421 NEN-EN-ISO 17294-2 (groundwater, eluates and drinking water) CMA/2/I/B.5 (groundwater) and WAC/III/B/011 (groundwater)	B
54.	Food	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) aluminium, antimony, arsenic, barium, beryllium, boron, cadmium, calcium, chromium, phosphor, potassium, cobalt, copper, mercury, lead, magnesium, manganese, molybdenum, sodium, nickel, rubidium, selenium, strontium, thallium, tin, titanium, vanadium, iron, zinc and sulphur	W0191, W0192 and W0491 in house method (digestion NEN-EN 13805 and measurement arsenic, cadmium, mercury and lead NEN-EN 15763)	B
55.	Infant formulae based on milk powder and adult/pediatric formulae	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) calcium, chromium, phosphor, potassium, copper, magnesium, manganese, molybdenum, sodium, selenium, iron and zinc	W0191, W0192 en W0491 NEN-EN-ISO 21424 / AOAC 2015.06	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

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56.	Feed, minerals and oleochemicals	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) aluminium, antimony, arsenic, barium, beryllium, boron, cadmium, calcium, chromium, phosphor, potassium, cobalt, copper, mercury, lead, magnesium, manganese, molybdenum, sodium, nickel, rubidium, selenium, strontium, thallium, tin, titanium, vanadium, iron, zinc and sulphur	W0191, W0192 en W0491 in house method	B
57.	Infant formulae based on milk powder and adult/pediatric formulae	Determination of the content of iodine; inductively coupled plasma with mass spectrometry (ICP-MS)	W0492 AOAC 2012.15 and NEN-EN-ISO 20647	B
58.	Wastewater, drinking water, groundwater, water from boiler plants, surface water and seawater	Determination of the total hardness; inductively coupled plasma with mass spectrometry (ICP-MS)	W0108, W0421 and W0425 in house method	B

Organic analysis

59.	Soil and sediment	Determination of the halogen content originated from non-volatile with acetone and petroleum ether extractable organohalogen compounds (EOX); microcoulometry	W0120 and W0351 in house method	B
60.	Wastewater, drinking water, groundwater and surface water	Determination of the halogen content derived from non-volatile, with petroleum ether extractable organohalogen compounds (EOX); microcoulometry	W0130 and W0351 NEN 6402	B
61.	Wastewater, drinking water, groundwater and surface water	Determination of the halogen content derived from adsorbable organohalogen compounds (AOX); microcoulometry	W0355 NEN-EN-ISO 9562	B
62.	Wastewater and groundwater	Determination of the halogen content derived from volatile organohalogen compounds (VOX); microcoulometry	W0354 in house method (sample preservation in house method, analysis NEN 6401:1991)	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

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63.	Soil and sediment	Determination of the hydrocarbon oil index (fraction C ₁₀ -C ₄₀); gas chromatography with flame-ionisation detection	W0120 and W0202 NEN-EN-ISO 16703	B
64.	Soil and sediment	Determination of the hydrocarbon oil index (fraction C ₁₀ -C ₄₀); gas chromatography with flame-ionisation detection	W2134 and W0202 CWEA S-III-5	B
65.	Wastewater, drinking water, groundwater and surface water	Determination of the hydrocarbon oil index (fraction C ₁₀ -C ₄₀); gas chromatography with flame-ionisation detection	W0123 and W0215 NEN-EN-ISO 9377-2	B
66.	Soil	Determination of the content of volatile hydrocarbons (fraction C ₅ -C ₁₀); static headspace – gas chromatography with mass spectrometry	W0136 and W0254 draft NEN-EN-ISO 16558-1	B
67.	Wastewater, drinking water, groundwater and surface water	Determination of the content of volatile hydrocarbons (fraction C ₅ -C ₁₀); static headspace – gas chromatography with mass spectrometry	W0122 and W0254 draft NEN-EN-ISO 16558-1	B
68.	Soil	Determination of the aromatic fraction, the aliphatic fraction and the content of total petroleum hydrocarbons (TPH); gas chromatography with flame-ionisation detection	W6161 and W6261 in house method	B
69.	Groundwater	Determination of the aromatic fraction, the aliphatic fraction and the content of total petroleum hydrocarbons (TPH); gas chromatography with flame-ionisation detection	W6162 and W6261 in house method	B
70.	Soil	Determination of the content of acetone; static headspace – gas chromatography with flame-ionisation detection	W0136 and W0217 in house method	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

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71.	Wastewater, drinking water, groundwater and surface water	Determination of the content of volatile components; static headspace – gas chromatography with mass spectrometry dichloromethane, trichloromethane, tetrachloromethane, bromochloromethane, bromodichloromethane, dibromochloromethane, dibromomethane, tribromomethane (bromoform), 1,1-dichloroethane, 1,2-dichloroethane, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,2-dibromoethane, 1,1-dichloroethylene, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, trichloroethylene, tetrachloroethylene, 1,2-dichloropropane, 1,3-dichloropropane, cis-1,3-dichloropropene, trans-1,3-dichloropropene, monochlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene and 1,4-dichlorobenzene	W0122 and W0254 NEN-EN-ISO 10301 (preservation NEN-EN-ISO 5667-3)	B
72.	Wastewater, drinking water, groundwater and surface water	Determination of the content of volatile components; static headspace – gas chromatography with mass spectrometry benzene, toluene, ethylbenzene, o-xylene, m/p-xylene, xylenes (sum), naphthalene and styrene	W0122 and W0254 ISO 11423-1 (preservation NEN-EN-ISO 5667-3)	B
73.	Wastewater, drinking water, groundwater and surface water	Determination of the content of volatile components; static headspace – gas chromatography with mass spectrometry propylbenzene, 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene (cumene), n-butylbenzene, sec-butylbenzene, tert-butylbenzene, 2-ethyltoluene, 3-ethyltoluene, 4-ethyltoluene, 4-isopropyltoluene (p-cymene), chloromethane, trichlorofluoromethane, bromomethane, chloroethane, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, hexachloroethane, vinyl chloride, 1,1-dichloropropane, 2,2-dichloropropane, 1,2,3-trichloropropane, 1,2-dibromo-3-chloropropane, 3-chloropropene, 1,1-dichloro-1-propene, 1-chlorobutane, hexachlorobutadiene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, bromobenzene, 2-chlorotoluene, 4-chlorotoluene, pentane, hexane, heptane, octane, cyclohexane, carbon disulfide (CS ₂), tetrahydrofuran, methylisobutylketone (MIBK), methyltertiarybutylether (MTBE), ethyltertiarybutylether (ETBE) and tertiaryamylmethylether (TAME)	W0122 and W0254 in house method	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

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74.	Soil and sediment	Determination of the content of volatile components; static headspace – gas chromatography with mass spectrometry benzene, toluene, ethylbenzene, o-xylene, m/ p-xylene, xylenes (sum), naphthalene, styrene, dichloromethane, trichloromethane, tetrachloromethane, 1,1-dichloroethane, 1,2-dichloroethane, 1,1,1-trichloroethane, 1,1,2-trichloroethane, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, trichloroethylene, tetrachloroethylene, 1,2-dichloropropane, 1,2,3-trichloropropane, 3-chloropropene, cis-1,3-dichloropropene, trans-1,3-dichloropropene, monochlorobenzene, 1,2-dichlorobenzene, methyltertiarybutylether (MTBE) and tertiaryamylmethylether (TAME)	W0136, W0254 NEN-EN-ISO 22155	B
75.	Soil and sediment	Determination of the content of volatile components; static headspace – gas chromatography with mass spectrometry 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, propylbenzene, isopropylbenzene (cumene), n-butylbenzene, sec-butylbenzene, tert-butylbenzene, 2-ethyltoluene, 3-ethyltoluene, 4-ethyltoluene, 4-isopropyltoluene (p-cymene), chloromethane, bromochloromethane, bromodichloromethane, dibromochloromethane, trichlorofluoromethane, bromomethane, dibromomethane, tribromomethane (bromoform), chloroethane, 1,1,1,2-tetrachloroethane, 1,1,1,2,2-tetrachloroethane, hexachloroethane, 1,2-dibromoethane, vinylchloride, 1,1-dichloroethylene, 1,1-dichloropropane, 1,3-dichloropropane, 2,2-dichloropropane, 1,2-dibromo-3-chloropropane, 1,1-dichloro-1-propene, 1-chlorobutane, hexachlorobutadiene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, bromobenzene, 2-chlorotoluene, 4-chlorotoluene, pentane, hexane, heptane, octane, cyclohexane, carbon disulfide (CS ₂), tetrahydrofuran, methylisobutylketone (MIBK), ethyltertiarbutylether (ETBE)	W0136, W0254 in house method	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

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76.	Soil and sediment	Determination of the content of semi-volatile chlorobenzenes, organochloropesticides and polychlorinated biphenyls; gas chromatography – mass spectrometry alpha-HCH, beta-HCH, gamma-HCH, delta-HCH, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, 1,2,3,4-tetrachlorobenzene, 1,2,3,5/1,2,4,5-tetrachlorobenzene, pentachlorobenzene, HCB, heptachlor, aldrin, telodrin, isodrin, heptachloroepoxide, hexachlorobutadiene, alpha-endosulphan, beta-endosulphan, alpha-chlordane, gamma-chlordane, o,p'-DDE, p,p'-DDE, o,p'-DDD, p,p'-DDD, dieldrin, endrin, o,p'-DDT, p,p'-DDT, endosulphansulphate, PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153 and PCB 180	W0120 and W0262 NEN 6980 (extraction NEN 6972, cleanup NEN 6974)	B
77.	Wastewater, drinking water, groundwater and surface water	Determination of the content of semi-volatile chlorobenzenes, organochloropesticides and polychlorinated biphenyls; large volume injection – gas chromatography – mass spectrometry alpha-HCH, beta-HCH, gamma-HCH, delta-HCH, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, 1,2,3,4-tetrachlorobenzene, 1,2,3,5/1,2,4,5-tetrachlorobenzene, pentachlorobenzene, HCB, heptachlor, aldrin, telodrin, isodrin, heptachloroepoxide, hexachlorobutadiene, alpha-endosulphan, beta-endosulphan, alpha-chlordane, gamma-chlordane, biphenyl, biphenylether, o,p'-DDE, p,p'-DDE, o,p'-DDD, p,p'-DDD, dieldrin, endrin, o,p'-DDT, p,p'-DDT, endosulphansulphate, PCB 28, PCB 52, PCB 101, PCB118, PCB 138, PCB 153 and PCB 180	W0137 and W0260 in house method	B
78.	Groundwater and surface water	Determination of the content of polycyclic aromatic hydrocarbons; gas chromatography – mass spectrometry naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, benzo(g,h,i)perylene and indeno(1,2,3-c,d)pyrene	W0137 and W0260 in house method	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

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79.	Wastewater	Determination of the content of polycyclic aromatic hydrocarbons; gas chromatography – mass spectrometry naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, benzo(g,h,i)perylene and indeno(1,2,3-c,d)pyrene	W0137 and W0260 ISO 28540	B
80.	Soil and sediment	Determination of the content of polycyclic aromatic hydrocarbons; gas chromatography – mass spectrometry naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, benzo(g,h,i)perylene and indeno(1,2,3-c,d)pyrene	W0120 and W0271 NEN-ISO 18287	B
81.	Wastewater, drinking water, groundwater and surface water	Determination of the content of organotin compounds; gas chromatography – mass spectrometry monobutyltin (MBT), dibutyltin (DBT), tributyltin (TBT), tetrabutyltin (TTBT), monoocetyl tin (MOT), dioctyltin (DOT), triphenyltin (TPhT) and tricyclohexyltin (TCyT)	W0143 and W0274 NEN-EN-ISO17353 groundwater in house method	B
82.	Wastewater, drinking water, groundwater and surface water	Determination of the content of organotin compounds; gas chromatography – mass spectrometry monophenyltin (MPhT), diphenyltin (DPhT) and dicyclohexyltin (DCyT)	W0143 and W0274 in house method	B
83.	Soil and sediment	Determination of the content of perfluoroalkyl and polyfluoroalkyl substances (PFAS); liquid chromatography with tandem mass spectrometry PFBA, PFPeA, PFHxA, PFHpA, PFOA linear, PFOA branched, sum of PFOA, PFNA, PFDA, PFUnDA, PFDoDA, PFTrDA, PfteDA, PFHxDA, PFODA, PFBS, PFPeS, PFHxS, PFHpS, PFOS linear, PFOS branched, sum of PFOS, PFDS, 4:2 FTS, 6:2 FTS, 8:2 FTS, 10:2 FTS, PFOSA, MeFOSA, MeFOSAA, EtFOSAA, 8:2 DiPAP, HFPO-DA (GenX)	W0145 and W0323 in house method	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
Leaching test				
e.	Soil and waste materials	Determination of the leachable fraction by means of a one or two stage batch test (L/S 10 and L/S 2-8) for materials with particle size < 4 mm	W0155 NEN-EN 12457-1 to 3	B
f.	Granular waste materials	Determination of the leachable fraction by means of a one stage batch test (L/S 10) for materials with particle size <10 mm	W0155 NEN-EN 12457-4	B
Tests forming part of TerrAttesT® Soil				
84.	Soil	Determination of dry matter content; gravimetry	W0104 in house method	B
85.	Soil	Determination of clay content; pipette method	W0171 NEN 5753	B
86.	Soil	Determination of loss on evaporation after ignition and the total residue on evaporation after ignition; gravimetry	W0109 NEN 5754	B
87.	Soil	Determination of organic matter content as loss-on-ignition; gravimetry	W0109 NEN 5754	B
88.	Soil	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) aluminium, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, phosphor, cobalt, copper, mercury, lead, magnesium, manganese, molybdenum, nickel, selenium, tin, titanium, vanadium, iron, silver, zinc and sulphur	W0107 and W0423 NEN-EN-ISO 17294-2 (digestion NEN 6961)	B
89.	Soil	Determination of the hydrocarbon oil index; gas chromatography with flame-ionisation detection	W0120 and W0202 in house method	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024** to **01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
90.	Soil	<p>Determination of organic contaminations; gas chromatography with mass spectrometry</p> <p>Aromatic compounds Monoaromatic hydrocarbons: benzene, ethylbenzene, toluene, o-xylene, m,p-xylene, xylenes (sum), styrene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, n-propylbenzene, isopropylbenzene (cumene), n-butylbenzene, sec-butylbenzene, tert-butylbenzene and p-isopropyltoluene Phenols: phenol, o-cresol, m-cresol, p-cresol, cresols (sum), 2,4-dimethylphenol, 2,5-dimethylphenol, 2,6-dimethylphenol, 3,4-dimethylphenol, o-ethylphenol, m-ethylphenol, thymol, 4-ethyl/2,3- and 3,5-dimethylphenol Polycyclic aromatic hydrocarbons: naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, benzo(g,h,i)perylene, indeno(1,2,3-c,d)pyrene, PAH 10 VROM (sum) and PAH 16 EPA (sum)</p> <p>Halogenated compounds Volatile halogenated components: tetrachloromethane, 1,2-dichloroethane, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethanes (sum), 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, tetrachloroethanes (sum), trichloroethylene, tetrachloroethylene, 1,2-dichloropropane, 1,3-dichloropropane, 1,2,3-trichloropropane, 1,1-dichloropropene, cis-1,3-dichloropropene, trans-1,3-dichloropropene, 1,3-dichloropropenes (sum), dibromomethane, 1,2-dibromoethane, tribromomethane (bromoform), bromodichloromethane, dibromochloromethane, 1,2-dibromo-3-chloropropane and bromobenzene Chlorobenzenes: monochlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, dichlorobenzenes (sum), 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, trichlorobenzenes (sum), 1,2,3,4-tetrachlorobenzene, 1,2,3,5/1,2,4,5-tetrachlorobenzene, tetrachlorobenzene (sum), pentachlorobenzene and hexachlorobenzene</p>	W6128, W6330 and W6331 in house method	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
		<p>Chlorophenols: 2-chlorophenol, 3-chlorophenol, 4-chlorophenol, monochlorophenols (sum), 2,3-dichlorophenol, 2,4/2,5-dichlorophenol, 2,6-dichlorophenol, 3,4-dichlorophenol, 3,5-dichlorophenol, dichlorophenols (sum), 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 3,4,5-trichlorophenol, trichlorophenols (sum), 2,3,4,5-tetrachlorophenol, 2,3,4,6/2,3,5,6-tetrachlorophenol, tetrachlorophenols (sum), pentachlorophenol and 4-chloro-3-methylphenol</p> <p>Polychlorinated biphenyls: PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180 and the sum of those 6 PCB, PCB 118 and the sum of those 7 PCB</p> <p>Chloronitrobenzenes: 2/4-chloronitrobenzene, 3-chloronitrobenzene, monochloronitrobenzenes (sum), 2,3-dichloronitrobenzene + 3,4-dichloronitrobenzene, 2,4-dichloronitrobenzene, 2,5-dichloronitrobenzene and 3,5-dichloronitrobenzene and dichloronitrobenzenes (sum)</p> <p>Miscellaneous chlorinated hydrocarbons: 2-chlorotoluene, 4-chlorotoluene, sum of those two chlorotoluenes and 1-chloronaphthalene</p> <p>Pesticides</p> <p>Organic chlorinated pesticides: p,p'-DDE, o,p'-DDE, p,p'-DDT, p,p'-DDD/o,p'-DDT, o,p'-DDD, DDT/DEE/DDD (sum), aldrin, dieldrin, endrin, drins (sum), alpha-HCH, beta-HCH, gamma-HCH, HCH (sum), alpha-endosulphansulphate, alpha-chlordane, gamma-chlordane and the sum of those two chlordanes, heptachlor, heptachloroepoxide, hexachlorobutadiene, isodrin, telodrin and tedion</p> <p>Organic phosphor pesticides: azinphos-ethyl, azinphos-methyl, bromophos-ethyl, bromophos-methyl, chloropyrophos-ethyl, chloropyrophos-methyl, cumaphos, demeton-S/demeton-O, diazinone, disulphotone, fenitrothion, fenthion, malathion, parathion-ethyl, parathion-methyl, pyrazophos and triazophos</p> <p>Organic nitrogen pesticides: ametryn, atrazine, cyanazin, desmetryn, prometryn, propazine, simazine, terbutylazine and terbutryn</p> <p>Miscellaneous pesticides: bifenthrine, cypermethrin A+B+C+D, deltamethrin, permethrin A + permethrin B, propachlor and trifluralin</p> <p>Miscellaneous organic contaminants</p> <p>biphenyl, biphenylether, nitrobenzene and dibenzofurane</p> <p>Phthalates: dimethylphthalate, diethylphthalate, di-isobutylphthalate, dibutylphthalate, butylbenzylphthalate, bis(2-ethylhexyl)phthalate and di-n-octylphthalate</p>		

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
Tests forming part of TerrAttesT® Water				
91.	Drinking water and groundwater	Determination of the hydrocarbon oil index;– gas chromatography with flame-ionisation detection	W6139 and W0215 in house method	B
92.	Drinking water and groundwater	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, mercury, lead, molybdenum, nickel, selenium, tin, vanadium and zinc	W0421 NEN-EN-ISO 17294-2	B
93.	Drinking water and groundwater	Determination of electrical conductivity; conductometry	W0506 NEN-ISO 7888	B
94.	Drinking water and groundwater	Determination of pH; potentiometry	W0524 NEN-EN-ISO 10523	B
95.	Drinking water and groundwater	Determination of the content of volatile components; static headspace - gas chromatography with mass spectrometry Monoaromatic hydrocarbons benzene, ethylbenzene, toluene, o-xylene, m-xylene, p-xylene, xylenes (sum) and styrene	W0122 and W0254 ISO 11423-1	B
96.	Drinking water and groundwater	Determination of the content of volatile components; static headspace - gas chromatography with mass spectrometry Halogenated hydrocarbons dichloromethane, trichloromethane (chloroform), tetrachloromethane, bromochloromethane, bromodichloromethane, dibromochloromethane, dibromomethane, tribromomethane (bromoform), 1,1-dichloroethane, 1,2-dichloroethane, 1,1,1-trichloroethane, 1,1,2-trichloroethane, trichloroethanes (sum), 1,2-dibromoethane, 1,1-dichloroethylene, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, trichloroethylene, tetrachloroethylene, 1,2-dichloropropane, 1,3-dichloropropane, cis-1,3-dichloropropene, trans-1,3-dichloropropene and 1,3-dichloropropenes (sum)	W0122 and W0254 NEN-EN-ISO 10301	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
97.	Drinking water and groundwater	<p>Determination of the content of volatile components; static headspace - gas chromatography with mass spectrometry</p> <p>Monoaromatic hydrocarbons 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene (mesitylene), n-propylbenzene, isopropylbenzene (cumene), n-butylbenzene, sec-butylbenzene, tert-butylbenzene and p-isopropyltoluene (p-cymene)</p> <p>Halogenated hydrocarbons chloromethane, trichlorofluoromethane, bromomethane, chloroethane, 1,1,1,2-tetrachloroethane, 1,1,2,2-tetrachloroethane, tetrachloroethanes (sum), vinyl chloride (chloroethene), 2,2-dichloropropane, 1,2,3-trichloropropane, 1,2-dibromo-3-chloropropane, 1,1-dichloropropene, hexachlorobutadiene, bromobenzene, 2-chlorotoluene, 4-chlorotoluene and sum of those two chlorotoluenes</p> <p>Chlorobenzenes chlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, dichlorobenzenes (sum), 1,2,3-trichlorobenzene and 1,2,4-trichlorobenzene</p>	W0122 and W0254 in house method	B
98.	Groundwater	<p>Determination of organic contaminations; gas chromatography with mass spectrometry</p> <p>Aromatic compounds</p> <p>Phenols: phenol, o-cresol, m-cresol, p-cresol, cresols (sum), 2,4-dimethylphenol, 2,5-dimethylphenol, 3,4-dimethylphenol, 2-ethylphenol, 3-ethylphenol, 4-ethylphenol/2,3-dimethylphenol, 3,5-dimethylphenol, l 2,6-dimethylphenol and thymol</p> <p>Polycyclic aromatic hydrocarbons: naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b+k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, benzo(g,h,i)perylene, PAH 10 VROM (sum) and PAH 16 EPA (sum)</p> <p>Halogenated compounds</p> <p>Chlorobenzenes: 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, trichlorobenzenes (sum), 1,2,3,4-tetrachlorobenzene, 1,2,3,5/1,2,4,5-tetrachlorobenzene, tetrachlorobenzenes (sum), pentachlorobenzene and hexachlorobenzene</p> <p>Chlorophenols: 2-chlorophenol, 3-chlorophenol,</p>	W6136, W6330 and W6336 in house method	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
		<p>4-chlorophenol, monochlorophenols (sum), 2,3-dichlorophenol, 2,4/2,5-dichlorophenol, 2,6-dichlorophenol, 3,4-dichlorophenol, 3,5-dichlorophenol, dichlorophenols (sum), 2,3,4-trichlorophenol, 2,3,5-trichlorophenol, 2,3,6-trichlorophenol, 2,4,5-trichlorophenol, 2,4,6-trichlorophenol, 3,4,5-trichlorophenol, trichlorophenols (sum), 2,3,4,5-tetrachlorophenol, 2,3,4,6/2,3,5,6-tetrachlorophenol, tetrachlorophenols (sum), pentachlorophenol and 4-chloro-3-methylphenol Polychlorinated biphenyls: PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180 and the sum of those 6 PCB, PCB 118 and the sum of those 7 PCB Chloronitrobenzenes: 2/4-chloronitrobenzene, 3-chloronitrobenzene, monochloronitrobenzenes (sum), 2,3-dichloronitrobenzene, 2,4-dichloronitrobenzene, 2,5-dichloronitrobenzene, 3,4-dichloronitrobenzene and 3,5-dichloronitrobenzene and dichloronitrobenzenes (sum) Miscellaneous halogenated hydrocarbons: 1-chloronaphthalene</p> <p>Pesticides Organic chlorinated pesticides: p,p'-DDE, o,p'-DDE, p,p'-DDT, p,p'-DDD/o,p'-DDT, o,p'-DDD, DDT/DDE/DDD (sum), aldrin, dieldrin, endrin, drins (sum), alpha-HCH, beta-HCH, gamma-HCH, delta-HCH, HCH (sum), alpha-endosulphan, alpha-endosulphansulphate, alpha-chlorodane, gamma-chlorodane and the sum of those two chlorodans, heptachlor, heptachloroepoxide, hexachlorobutadiene, isodrin, telodrin and tedion Organic phosphor pesticides: azinphos-ethyl, azinphos-methyl, bromophos-ethyl, bromophos-methyl, chloropyriphos-ethyl, chloropyriphos-methyl, cumaphos, demeton-S/demeton-O, diazinone, dichlorophos, disulphotone, fenitrothion, fenthion, malathion, parathion-ethyl, parathion-methyl, pyrazophos and triazophos Organic nitrogen pesticides: ametryn, atrazine, cyanazin, desmetryn, prometryn, propazine, simazine, terbutylazine and terbutryn Miscellaneous pesticides: bifenthrine, carbaryl, cypermethrin A+B+C+D, deltamethrin, linuron, permethrin A+B, propachlor and trifluralin</p> <p>Miscellaneous organic contaminants biphenyl, biphenylether, nitrobenzene and dibenzofurane</p>		

AP04-verrichtingen (versie 23-04-2020) (NAW-0132), **pakket SG1 (samenstelling grond)** (versie 23-04-2020) (NAW-0132-3) **volledig pakket**

--	Soil	Sample pre-treatment for AP04-SG1	W7101 AP04-V	B
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of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
99.	Soil	Determination of pH-CaCl ₂ ; potentiometry	W0524 AP04-SG-I	
100.	Soil	Determination of dry matter content; gravimetry	W7104 AP04-SG-II and NEN-EN 15934	B
101.	Soil	Determination of clay content; sieve and pipette	W7173 AP04-SG-III and NEN 5753	B
102.	Soil	Determination of organic matter content as loss-on-ignition; gravimetry	W7109 AP04-SG-IV and NEN 5754	B
103.	Soil	Determination of the content of metals; inductively coupled plasma with mass spectrometry (ICP-MS) antimony, arsenic, barium, cadmium, chromium, cobalt, copper, mercury (non volatile), lead, molybdenum, nickel, tin, vanadium and zinc	W0107 and W0423 AP04-SG-V and NEN-EN-ISO 17294-2	B
104.	Soil	Determination of the content of polycyclic aromatic hydrocarbons (PAH); gas chromatography with mass spectrometry naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3-c,d)pyrene and the sum of these 10 PAH	W7124 and W0271 AP04-SG-IX and NEN-ISO 18287)	B
105.	Soil	Determination of the content of polychlorinated biphenyls (PCB); gas chromatography with mass spectrometry 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 7 PCB	W7124 and W0262 AP04-SG-X	B
106.	Soil	Determination of the content of polychlorinated biphenyls (PCB); gas chromatography with mass spectrometry 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 7 PCB	W7124 and W0271 AP04-SG-X	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
107.	Soil	Determination of the hydrocarbon oil index; gas chromatography with flame-ionisation detection	W7124 and W0202 AP04-SG-XI and NEN-EN-ISO 16703	B
AP04-verrichtingen (versie 23-04-2020) (NAW-0132), pakket SG2 (samenstelling grond) (versie 23-04-2020) (NAW-0132-3) volledig pakket				
--	Soil	Sample pre-treatment for AP04-SG2	W7101 AP04-V	B
108.	Soil	Determination of the content of organochloropesticides (OCP); gas chromatography with mass spectrometry hexachlorobenzene (HCB), α -hexachlorocyclohexane (α -HCH), β -hexachlorocyclohexane (β -HCH), γ -hexachlorocyclohexane (γ -HCH), δ -hexachlorocyclohexane (δ -HCH), aldrin, dieldrin, endrin, sum of these three "drin's", o,p'-DDD, p,p'-DDD, sum of these two DDD's o,p'-DDE, p,p'-DDE, sum of these two DDE's, o,p'-DDT, p,p'-DDT, sum of these two DDT's, isodrin, telodrin, hexachlorobutadiene, heptachlor, α -endosulfan, cis-heptachlor epoxide, trans-heptachlor epoxide, sum of these two heptachlor epoxide, cis-chlorodane, trans-chlorodane and the sum of these two chlorodanes, endosulphansulphate and the sum of organochloropesticides	W7124 and W0262 AP04-SG-XIV	B
109.	Soil	Determination of the content of less volatile chlorobenzenes; gas chromatography with mass spectrometry 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, sum of chlorobenzenes (see also package AP04-SG3)	W7124 and W0262 AP04-SG-XV	B
AP04-verrichtingen (versie 23-04-2020) (NAW-0132), pakket SG3 (samenstelling grond) (versie 23-04-2020) (NAW-0132-3) volledig pakket				
--	Soil	Sample pre-treatment for AP04-SG3	W7101 AP04-V	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
110.	Soil	Determination of the content of volatile aromatic and volatile halogenated hydrocarbons MTBE and ETBE; static headspace – gas chromatography with mass spectrometry volatile aromatic hydrocarbons: benzene, toluene, ethylbenzene, o-xylene, m-xylene, p-xylene, sum of these three xylenes, styrene and the sum of aromatic hydrocarbons volatile halogenated hydrocarbons: chloroethylene (vinyl chloride), dichloromethane, trichloromethane, tetrachloromethane, trichloroethylene, tetrachloroethylene, 1,1-dichloroethane, 1,2-dichloroethane, sum of these two dichloroethanes, 1,1-dichloroethylene, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, sum of these three dichloroethylenes, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,1-dichloropropane, 1,2-dichloropropane, 1,3-dichloropropane and the sum of these three dichloropropanes other volatile compounds: methyltertiarybutylether (MTBE), ethyltertiarybutylether (ETBE)	W0136, W0254 AP04-SG-VIII and NEN-EN-ISO 22155	B
111.	Soil	Determination of the content of volatile chlorobenzenes; static headspace – gas chromatography with mass spectrometry monochlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene and sum of these three dichlorobenzenes	W0136, W0254 AP04-SG-XV	B
AP04-verrichtingen (versie 23-04-2020) (NAW-0132), pakket SG4 (samenstelling grond) (versie 23-04-2020) (NAW-0132-3) volledig pakket				
--	Soil	Sample pre-treatment for AP04-SG4	W7101 AP04-V	B
112.	Soil	Determination of the content of cyanides (total-free and total-complex); continuous flow analysis and spectrometry	W0517 AP04-SG-VII and NEN-EN-ISO 17380	B
113.	Soil	Determination of the content of chloride; ion chromatography	W0504 AP04-SG-XII	B
AP04-verrichtingen (versie 23-04-2020) (NAW-0132), pakket SG8 (samenstelling grond) (versie 23-04-2020) (NAW-0132-3) volledig pakket				
114.	Soil	Determination of the content of metals; inductively coupled plasma with mass spectrometry (ICP-MS) beryllium, selenium, tellurium and thallium	W0107 and W0423 AP04-SG-V and NEN-EN-ISO 17294-2	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
AP04-verrichtingen (versie 23-04-2020) (NAW-0132), pakket SG10 (samenstelling grond) (versie 23-04-2020) (NAW-0132-3) volledig pakket				
---	Soil	Sample pre-treatment for AP04-SG10	W7101 AP04-V	B
115.	Soil	Determination of per- and polyfluoroalkyl substances (PFAS) content; liquid chromatography with tandem mass spectrometry PFBA (perfluorobutanoic acid), PFPeA (perfluoropentanoic acid), PFHxA (perfluorhexanoic acid), PFHpA (perfluoropentanoic acid), PFOA linear (perfluorooctanoic acid), PFOA branched (perfluorooctanoic acid), sum of PFOA, PFNA (perfluorooctanoic acid), PFDA (perfluorooctanoic acid), PFUnDA (perfluorundecanoic acid), PFDoDA (perfluorodecanoic acid), PFTrDA (perfluorotridecanoic acid), PFTeDA (perfluoretetradecanoic acid), PFHxDA (perfluorhexadecanoic acid), PFODA (perfluorooctadecanoic acid), PFBS (perfluorobutane sulfonic acid), PFPeS (perfluoropentane sulfonic acid), PFHxS (perfluorhexane sulfonic acid), PFHpS (perfluorheptane sulfonic acid), PFOS linear (perfluorooctane sulfonic acid), PFOS branched (perfluorooctane sulfonic acid), sum of PFOS, PFDS (perfluorooctane sulfonic acid), 4:2 FTS (4:2 fluorotelomer sulfonic acid), 6:2 FTS (6:2 fluorotelomer sulfonic acid), 8:2 FTS (8:2 fluorotelomer sulfonic acid), 10:2 FTS (10:2 fluorotelomer sulfonic acid), PFOSA (perfluorooctane sulfonamide), MeFOSA (n-methyl-perfluorooctane sulfonamide), MeFOSAA (n-methyl-perfluorooctane sulfonamide acetate), EtFOSAA (n-ethyl-perfluorooctane sulfonamide acetate) and 8:2 DiPAP (8:2 fluorotelomer phosphate diester)	W0145 en W0323 AP04-SG-XX	B
116.	Soil	Determination of the content of other per- and polyfluoroalkyl substances (PFAS); liquid chromatography with tandem mass spectrometry HFPO-DA (2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propanoic acid)	W0145 en W0323 AP04-SG-XXI	B

AP04-verrichtingen (versie 23-04-2020) (NAW-0132), **pakket SB1 (samenstelling bouwstoffen, niet zijnde grond)** (versie 23-04-2020) (NAW-0132-2)

volledig pakket

--	Building material	Sample pre-treatment for AP04-SB1	W7101 AP04-V	B
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of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
117.	Field-moist and air-dried building material	Determination of the dry matter content; gravimetry	W7104 AP04-SB-I	B
118.	Building material (except bitumen)	Determination of the content of polycyclic aromatic hydrocarbons (PAH); gas chromatography with mass spectrometry naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3-c,d)pyrene and the sum of these 10 PAH	W7124 and W0271 AP04-SB-III and NEN-ISO 18287)	B
119.	Building material	Determination of the content of polychlorinated biphenyls (PCB); gas chromatography with mass spectrometry 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 7 PCB	W7124 and W0271 AP04-SB-IV	B
120.	Building material	Determination of the hydrocarbon oil index; gas chromatography with flame-ionisation detection	W7124 and W0202 AP04-SB-V and NEN-EN-ISO 16703	B

AP04-verrichtingen (versie 23-04-2020) (NAW-0132), **pakket SB3 (samenstelling bouwstoffen, niet zijnde grond)** (versie 23-04-2020) (NAW-0132-2)

volledig pakket

--	Building material	Sample pre-treatment for AP04-SB3	W7101 AP04-V	B
121.	Building material	Determination of the content of volatile aromatic hydrocarbons (BTEX); static headspace – gas chromatography with mass spectrometry benzene, toluene, ethylbenzene, o-xylene, m-xylene, p-xylene, sum of these three xylenes and styrene	W0136, W0254 AP04-SB-II	B

AP04-verrichtingen (versie 23-04-2020) (NAW-0132), **pakket SB6 (samenstelling bouwstoffen, niet zijnde grond)** (versie 23-04-2020) (NAW-0132-2)

volledig pakket

--	Building material	Sample pre-treatment for AP04-SB6	W7101 AP04-V	B
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of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
122.	Building material	Determination of the content of phenol; gas chromatography with mass spectrometry	W0139 and W0267 AP04-SB-XIII	B
AP04-verrichtingen (versie 23-04-2020) (NAW-0132), pakket U1 (uitloogonderzoek; grond, niet-vormgegeven en vormgegeven bouwstoffen; niet diffusiebepaalde uitloging) (versie 23-04-2020) (NAW-0132-4) volledig pakket				
--	Soil and building materials	Sample pre-treatment for AP04-U1 (and AP04-E)	W7101 AP04-V	B
g.	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"	W0152 AP04-U-I and NEN 7383 and NEN 7373	B
AP04-verrichtingen (versie 23-04-2020) (NAW-0132), pakket U2 (uitloogonderzoek; vormgegeven bouwstoffen; diffusiebepaalde uitloging) (versie 23-04-2020) (NAW-0132-4) volledig pakket				
--	Building materials and monolites	Sample pre-treatment for AP04-U2 (and AP04-E)	W7101 AP04-V	B
h.	Building materials and monolites	Determination of the leaching of inorganic components with the diffusion test Associated analyses of eluates are mentioned below in package E "AP04-tests, analysis of eluates"	W0153 AP04-U-II and NEN 7375	B
AP04-verrichtingen (versie 23-04-2020) (NAW-0132), pakket U3 (uitloogonderzoek; vormgegeven bouwstoffen; diffusiebepaalde uitloging) (versie 23-04-2020) (NAW-0132-4) volledig pakket				
--	Building materials and waste materials	Sample pre-treatment for AP04-U3 (and AP04-E)	W7101 AP04-V	B
i.	Building materials and waste materials	Determination of the availability of inorganic components for leaching Associated analyses of eluates are mentioned below in package E "AP04-tests, analysis of eluates"	W0151 AP04-U-III and NEN 7371	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
AP04-verrichtingen (versie 23-04-2020) (NAW-0132), pakket E (analyse van eluaten) (versie 23-04-2020) (NAW-0132-1) volledig pakket				
123.	Eluates	Determination of pH; potentiometry	W0524 AP04-U-IV and NEN-EN-ISO 10523	B
124.	Eluates	Determination of electrical conductivity; conductometry	W0506 AP04-U-V and NEN-ISO 7888	B
125.	Eluates	Determination of the content of elements; inductively coupled plasma with mass spectrometry (ICP-MS) antimony, arsenic, barium, cadmium, calcium, chromium, cobalt, copper, mercury, lead, molybdenum, nickel, selenium, tin, vanadium and zinc	W0421 AP04-E-I to XV and XIX and NEN-EN-ISO 17294-2	B
126.	Eluates	Determination of the content of cyanides (free and complex); continuous flow analysis and spectrometry	W0517 AP04-E-XVI and NEN-EN-ISO 14403-2	B
127.	Eluates	Determination of the content of bromide, chloride and sulphate; liquid chromatography of ions	W0504 AP04-E-XVII and NEN-EN-ISO 10304-1	B
128.	Eluates	Determination of the content of fluoride; potentiometry	W0546 AP04-E-XVIII and NEN 6578	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3010 (versie 23-04-2020) (NAW-0133-2); (Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond standaardpakket) volledig pakket				
--	Soil	Sample pre-treatment for package 3010	W0101 AS3000 and NEN-EN 16179	B
129.	Soil	Determination of pH-CaCl ₂ ; potentiometry	W0524 performance sheet 3010-1 and NEN-ISO 10390	B
130.	Soil	Determination of dry matter content; gravimetry	W0104 performance sheet 3010-2 and NEN-EN 15934	B
131.	Soil	Determination of organic matter content; gravimetry	W0109 performance sheet 3010-3 and NEN 5754	B
132.	Soil	Determination of the clay content; sedimentation	W0105 and W0173 performance sheet 3010-4 and NEN 5753	B
133.	Soil	Determination of the clay content; sedimentation and density determination	W0171 performance sheet 3010-4 and NEN 5753	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
134.	Soil	Determination of the content of metals; inductively coupled plasma with mass spectrometry (ICP-MS) barium, cadmium, cobalt, copper, mercury (non-volatile), lead, molybdenum, nickel and zinc	W0107 and W0423 performance sheet 3010-5 and NEN-EN-ISO 17294-2	B
135.	Soil	Determination of the content of polycyclic aromatic hydrocarbons (PAH); gas chromatography with mass spectrometry naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3-c,d)pyrene and the sum of these 10 PAH	W0120 and W0271 performance sheet 3010-6 and NEN-ISO 18287)	B
136.	Soil	Determination of the hydrocarbon oil index; gas chromatography with flame-ionisation detection	W0120 and W0202 performance sheet 3010-7 and NEN-EN-ISO 16703	B
137.	Soil	Determination of the content of polychlorinated biphenyls (PCB); gas chromatography with mass spectrometry 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 PCB	W0120 and W0262 performance sheet 3010-8 and NEN 6980	B
138.	Soil	Determination of the content of polychlorinated biphenyls (PCB); gas chromatography with mass spectrometry 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 PCB	W0120 and W0271 performance sheet 3010-8 and NEN 6980	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3020 (versie 23-04-2020) (NAW-0133-2) (Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend I) volledig pakket				
--	Soil	Sample pre-treatment for package 3020	W0101 AS3000 and NEN-EN 16179	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
139.	Soil	Determination of the content of organochloropesticides (OCP); gas chromatography with mass spectrometry hexachlorobenzene (HCB), α -hexachlorocyclohexane (α -HCH), β -hexachlorocyclohexane (β -HCH), γ -hexachlorocyclohexane (γ -HCH), aldrin, dieldrin, endrin, sum of these three "drin's", o,p'-DDD, p,p'-DDD, sum of these two DDD's, o,p'-DDE, p,p'-DDE, sum of these two DDE's, o,p'-DDT, p,p'-DDT, sum of these two DDT's, heptachlor, α -endosulfan, isodrin, telodrin, cis-heptachlor epoxide, trans-heptachlor epoxide, sum of these two heptachlor epoxides, cis-chlorodane, trans-chlorodane, sum of these two chlorodanes, sum of organochloropesticides and hexachlorobutadiene	W0120 and W0262 performance sheet 3020-1 and NEN 6980	B
140.	Soil	Determination of the content of less volatile chlorobenzenes; gas chromatography with mass spectrometry 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, sum of chlorobenzenes	W0120 and W0262 performance sheet 3020-2 and NEN 6980	B
141.	Soil	Determination of the content of miscellaneous organochloropesticides (OCP); gas chromatography with mass spectrometry δ -HCH, the sum of the HCH-compounds and endosulphansulphate	W0120 and W0262 performance sheet 3020-3 and NEN 6980	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3030 (versie 23-04-2020) (NAW-0133-2) (Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend II) volledig pakket				
--	Soil	Sample pre-treatment for package 3030	W0101 AS3000 and NEN-EN 16179	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
142.	Soil	Determination of the content of volatile aromatic hydrocarbons, volatile halogenated hydrocarbons, MTBE and ETBE; static headspace – gas chromatography with mass spectrometry volatile aromatic hydrocarbons: benzene, toluene, ethylbenzene, o-xylene, m-xylene, p-xylene, sum of these three xylenes, styrene, sum of aromatic solvents, naphthalene volatile halogenated hydrocarbons: chloroethylene (vinyl chloride), dichloromethane, trichloromethane, tetrachloromethane, trichloroethylene, tetrachloroethylene, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethylene, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, sum of these three dichloroethylenes, 1,1,1-trichloroethane, 1,1,2-trichloroethane and the sum of these two trichloroethanes, 1,1-dichloropropane, 1,2-dichloropropane, 1,3-dichloropropane and the sum of these three dichloropropanes, tribromomethane other volatile compounds: methyltertiarybutylether (MTBE) and ethyltertiarybutylether (ETBE)	W0136, W0254 performance sheet 3030-1 and NEN-EN-ISO 22155	B
143.	Soil	Determination of the content of volatile chlorobenzenes; static headspace – gas chromatography with mass spectrometry monochlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene and the sum of dichlorobenzenes	W0136, W0254 performance sheet 3030-2 and NEN-EN-ISO 22155	B
144.	Soil	Determination of the content of other solvents; static headspace – gas chromatography with mass spectrometry 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-ethyltoluene, 3-ethyltoluene, 4-ethyltoluene, isopropylbenzene, propylbenzene and the sum aromatic solvents	W0136, W0254 performance sheet 3030-3 and NEN-EN-ISO 22155	B

AS SIKB 3000 (versie 23-04-2020) (NAW-0133), **protocol 3040** (versie 23-04-2020) (NAW-0133-2) (**Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend III) volledig pakket**

--	Soil	Sample pre-treatment for package 3040	W0101 AS3000 and NEN-EN 16179	B
145.	Soil	Determination of the content of cyanides (free, total and complex); continuous flow analysis and spectrometry	W0117 and W0517 performance sheet 3040-1 and NEN-EN-ISO 17380	B
146.	Soil	Determination of chloride; liquid chromatography of ions	W0504 performance sheet 3040-2 (analysis NEN-EN-ISO 10304-1)	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3050 (versie 23-04-2020) (NAW-0133-2) Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend IV) volledig pakket				
--	Soil	Sample pre-treatment for package 3050	W0101 AS3000 and NEN-EN 16179	B
147.	Soil	Determination of the content of metals; inductively coupled plasma with mass spectrometry (ICP-MS) antimony, arsenic, chromium, tin, vanadium, beryllium, tellurium, thallium and silver	W0107 and W0423 performance sheet 3050-1 and -2 and NEN-EN-ISO 17294-2	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3080 (versie 23-04-2020) (NAW-0133-2) Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grond aanvullend VII) volledig pakket				
--	Soil	Sample pre-treatment for package 3080	W0101 AS3000 and NEN-EN 16179	B
148.	Soil	Determination of per- and polyfluoroalkyl substances (PFAS) content; liquid chromatography with tandem mass spectrometry PFBA (perfluorobutanoic acid), PFPeA (perfluoropentanoic acid), PFHxA (perfluorhexanoic acid), PFHpA (perfluoropentanoic acid), PFOA linear (perfluorooctanoic acid), PFOA branched (perfluorooctanoic acid), sum of PFOA, PFNA (perfluornoctanoic acid), PFDA (perfluorooctanoic acid), PFUnDA (perfluorundecanoic acid), PFDoDA (perfluorodecanoic acid), PFTrDA (perfluorotridecanoic acid), PFTeDA (perfluoretetradecanoic acid), PFHxDA (perfluorhexadecanoic acid), PFODA (perfluorooctadecanoic acid), PFBS (perfluorobutane sulfonic acid), PFPeS (perfluoropentane sulfonic acid), PFHxS (perfluorhexane sulfonic acid), PFHpS (perfluorheptane sulfonic acid), PFOS linear (perfluorooctane sulfonic acid), PFOS branched (perfluorooctane sulfonic acid), sum of PFOS, PFDS (perfluorooctane sulfonic acid), 4: 2 FTS (4:2 fluorotelomer sulfonic acid), 6:2 FTS (6:2 fluorotelomer sulfonic acid), 8:2 FTS (8:2 fluorotelomer sulfonic acid), 10:2 FTS (10: 2 fluorotelomer sulfonic acid), PFOSA (perfluorooctane sulfonamide), MeFOSA (n-methyl-perfluorooctane sulfonamide), MeFOSAA (n-methyl-perfluorooctane sulfonamide acetate), EtFOSAA (n-ethyl-perfluorooctane sulfonamide acetate) and 8:2 DiPAP (8:2 fluorotelomer phosphate diester)	W0145 en W0323 prestatieblad 3080-1	B

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17025:2017
 Registration number: **L 010**

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
149.	Soil	Determination of the content of other per- and polyfluoroalkyl substances (PFAS); liquid chromatography with tandem mass spectrometry HFPO-DA (2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propanoic acid)	W0145 en W0323 prestatieblad 3080-2	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3110 (versie 23-04-2020) (NAW-0133-3) (Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater standaardpakket) volledig pakket				
150.	Groundwater	Determination of pH; potentiometry	W0524 performance sheet 3110-1 and NEN-EN-ISO 10523	B
151.	Groundwater	Determination of electrical conductivity; conductometry	W0506 performance sheet 3110-2 and NEN-ISO 7888	B
152.	Groundwater	Determination of the content of metals; inductively coupled plasma with mass spectrometry (ICP-MS) barium, cadmium, cobalt, copper, mercury (non-volatile), lead, molybdenum, nickel and zinc	W0421 performance sheet 3110-3 and NEN-EN-ISO 17294-2	B
153.	Groundwater	Determination of the content of polycyclic aromatic hydrocarbons (PAH); gas chromatography with mass spectrometry naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3-c,d)pyrene and the sum of these 10 PAH	W0137 and W0260 performance sheet 3110-4	B
154.	Groundwater	Determination of the hydrocarbon oil index; gas chromatography with flame-ionisation detection	W0123 and W0215 performance sheet 3110-5	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3120 (versie 23-04-2020) (NAW-0133-3) (Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater aanvullend I); volledig pakket				
155.	Groundwater	Determination of the content of polychlorinated biphenyls (PCB) and organochloropesticides (OCP); gas chromatography with mass spectrometry 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), sum of these seven PCB, α-hexachlorocyclohexane (α-HCH), β-hexachlorocyclohexane (β-HCH), γ-hexachlorocyclohexane (γ-HCH), δ-hexachlorocyclohexane (δ-HCH), sum of these four HCH's, aldrin, dieldrin, endrin, sum of these three "drin's", p,p'-DDE, o,p'-DDD, o,p'-DDT, p,p'-DDD, o,p'-DDE, p,p'-DDT, sum of these six DD's, heptachlor, α-endosulfan, cis-heptachlor epoxide, trans-heptachlor epoxide, sum of these two heptachlor epoxides, cis-chlorodane, trans-chlorodane and sum of these two chlorodanes	W0137 and W0260 performance sheet 3120-1	B
156.	Groundwater	Determination of the content of tri- and tetrachlorobenzenes, penta- and hexachlorobenzene; gas chromatography with mass spectrometry 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	W0137 and W0260 performance sheet 3120-2	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3130 (versie 23-04-2020) (NAW-0133-3) (Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater aanvullend II); volledig pakket				
157.	Groundwater	Determination of the content of volatile aromatic hydrocarbons and volatile halogenated hydrocarbons; static headspace – gas chromatography with mass spectrometry volatile aromatic hydrocarbons: benzene, toluene, ethylbenzene, o-xylene, m-xylene, p-xylene, sum of these three xylenes, styrene and naphthalene volatile halogenated hydrocarbons: chloroethylene (vinyl chloride) dichloromethane, trichloromethane, tetrachloromethane, trichloroethylene, tetrachloroethylene, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethylene, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, sum of these two 1,2-dichloroethylenes, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,1-dichloropropane, 1,2-dichloropropane, 1,3-dichloropropane, the sum of these three dichloropropanes and tribromomethane other volatile compounds: methyltertiarybutylether (MTBE) and ethyltertiarybutylether (ETBE)	W0122 and W0254 performance sheet 3130-1, NEN-ISO 20595	B
158.	Groundwater	Determination of the content of monochlorobenzene and dichlorobenzenes; static headspace – gas chromatography with mass spectrometry monochlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene and the sum of these three dichlorobenzenes	W0122 and W0254 performance sheet 3130-2, NEN-ISO 20595	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3140 (versie 23-04-2020) (NAW-0133-3) (Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater aanvullend III); volledig pakket				
159.	Groundwater	Determination of the content of cyanide (free, total and complex); continuous flow analysis and spectrometry	W0517 performance sheet 3140-1 and NEN-EN-ISO 14403-2	B
160.	Groundwater	Determination of the content of anions; liquid chromatography of ions chloride, nitrate and sulphate	W0504 performance sheet 3140-2 and NEN-EN-ISO 10304-1	B
161.	Groundwater	Determination of the content of anions; discrete analysis and spectrometry chloride, nitrate, ortho-phosphate and sulphate	W0566 performance sheet 3140-2 and NEN-ISO 15923-1	B

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17025:2017
 Registration number: **L 010**

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024** to **01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3150 (versie 23-04-2020) (NAW-0133-3) (Laboratoriumanalyses voor grond-, waterbodem- en grondwateronderzoek; grondwater aanvullend IV); volledig pakket				
162.	Groundwater	Determination of the content of metals; inductively coupled plasma with mass spectrometry (ICP-MS) antimony, arsenic, chromium, tin, vanadium, beryllium, tellurium, thallium and silver	W0421 performance sheet 3150-1 and -2 and NEN-EN-ISO 17294-2	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3210 (versie 23-04-2020) (NAW-0133-4) (Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem standaard pakket) volledig pakket				
--	Sediment	Sample pre-treatment for package 3210	W0101 AS3000 and NEN 5719	B
163.	Sediment	Determination of dry matter content; gravimetry	W0104 performance sheet 3210-1 and NEN-EN 15934	B
164.	Sediment	Determination of organic matter content; gravimetry	W0109 performance sheet 3210-2 and NEN 5754	B
165.	Sediment	Determination of the particle size fractions; sedimentation < 2 µm (clay)	W0173 performance sheet 3210-3 and NEN 5753	B
166.	Sediment	Determination of the content of metals; inductively coupled plasma with mass spectrometry (ICP-MS) barium, cadmium, cobalt, copper, mercury (non-volatile), lead, molybdenum, nickel and zinc	W0107 and W0423 performance sheet 3210-4 and NEN-EN-ISO 17294-2	B
167.	Sediment	Determination of the content of polycyclic aromatic hydrocarbons (PAH); gas chromatography with mass spectrometry naphthalene, phenanthrene, anthracene, fluoranthene, benzo(a)anthracene, chrysene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(g,h,i)perylene, indeno(1,2,3-c,d)pyrene and the sum of these 10 PAH	W0120 and W0271 performance sheet 3210-5 and NEN-ISO 18287	B
168.	Sediment	Determination of the hydrocarbon oil index; gas chromatography with flame-ionisation detection	W0120 and W0202 performance sheet 3210-6 and NEN 6978	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024** to **01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
169.	Sediment	Determination of the content of polychlorinated biphenyls (PCB); gas chromatography with mass spectrometry 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 PCB	W0120 and W0262 performance sheet 3210-7 and NEN 6980	B
170.	Sediment	Determination of the content of polychlorinated biphenyls (PCB); gas chromatography with mass spectrometry 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 PCB	W0120 and W0271 performance sheet 3210-7 and NEN 6980	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133), protocol 3220 (versie 23-04-2020) (NAW-0133-4) (Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend I) volledig pakket				
--	Sediment	Sample pre-treatment for package 3220	W0101 AS3000 and NEN 5719	B
171.	Sediment	Determination of the content of organochloropesticides (OCP); gas chromatography with mass spectrometry hexachlorobutadiene, pentachlorobenzene, hexachlorobenzene, the sum of chlorobenzenes, α -HCH, β -HCH, γ -HCH, the sum of these three HCH-compounds, aldrin, dieldrin, endrin, the sum of these three drin's, isodrin, telodrin, o,p'-DDD, p,p'-DDD, the sum of these two DDD's, o,p'-DDE, p,p'-DDE, the sum of these two DDE's, o,p'-DDT, p,p'-DDT, the sum of these two DDT's, the sum of these DD's, heptachlor, α -endosulfan, cis-heptachlor epoxide, trans-heptachlor epoxide, the sum of these two heptachlor epoxides, cis-chlorodane, trans-chlorodane and the sum of these two chlorodanes	W0120 and W0262 performance sheet 3220-1 and NEN 6980	B
172.	Sediment	Determination of the content of miscellaneous organochloropesticides (OCP); gas chromatography with mass spectrometry δ -HCH, the sum of the HCH-compounds and endosulphansulphate	W0120 and W0262 performance sheet 3220-1 and NEN 6980	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024** to **01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
AS SIKB 3000 (versie 23-04-2020) (NAW-0133), protocol 3230 (versie 23-04-2020) (NAW-0133-4) (Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend II) volledig pakket				
--	Sediment	Sample pre-treatment for package 3230	W0101 AS3000 and NEN 5719	B
173.	Sediment	Determination of the content of monochlorobenzene and dichlorobenzenes; static headspace – gas chromatography with mass spectrometry monochlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene and the sum of these three dichlorobenzenes	W0136, W0254 performance sheet 3230-1 and NEN-EN-ISO 22155	B
174.	Sediment	Determination of the content of tri- and tetrachlorobenzenes; gas chromatography with mass spectrometry 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, the sum of these three tetrachlorobenzenes and the sum of the chlorobenzenes	W0120 and W0262 performance sheet 3230-2 and NEN 6980	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133), protocol 3240 (versie 23-04-2020) (NAW-0133-4) (Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend III) volledig pakket				
--	Sediment	Sample pre-treatment for package 3240	W0101 AS3000 and NEN 5719	B
175.	Sediment	Determination of the content of cyanide (free, total and complex); continuous flow analysis and spectrometry	W0117 and W0517 performance sheet 3240-1 and NEN-EN-ISO 17380	B
176.	Sediment	Determination of the content of chloride; liquid chromatography of ions	W0504 performance sheet 3240-2 and NEN-EN-ISO 10304-1 (analysis)	B
177.	Sediment	Determination of pH-H ₂ O; potentiometry	W0524 performance sheet 3240-3 and NEN-ISO 10390	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133), protocol 3250 (versie 23-04-2020) (NAW-0133-4) (Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend IV) volledig pakket				
--	Sediment	Sample pre-treatment for package 3250	W0101 AS3000 and NEN 5719	B

Annex to declaration of accreditation (scope of accreditation)
 Normative document: EN ISO/IEC 17025:2017
 Registration number: **L 010**

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
178.	Sediment	Determination of the content of metals; inductively coupled plasma with mass spectrometry (ICP-MS) antimony, arsenic, chromium, tin and vanadium	W0107 and W0423 performance sheet 3250-1 and NEN-EN-ISO 17294-2	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3260 (versie 23-04-2020) (NAW-0133-4) (Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend V) volledig pakket				
--	Sediment	Sample pre-treatment for package 3260	W0101 AS3000 and NEN 5719	B
179	Sediment	Determination of the content of pentachlorophenol; gas chromatography with mass spectrometry	W0139 and W0267 performance sheet 3260-1 and NEN-ISO 14154	B
180	Sediment	Determination of the content of organotin compounds; gas chromatography with mass spectrometry tributyltin compounds (TBT), triphenyltin compounds (TPhT) and the sum of these organotin compounds	W0140 and W0268 performance sheet 3260-2 and NEN-EN-ISO 23161	B
AS SIKB 3000 (versie 23-04-2020) (NAW-0133); protocol 3280 (versie 23-04-2020) (NAW-0133-4) (Laboratorium analyses voor grond-, waterbodem- en grondwateronderzoek; waterbodem aanvullend VIII) volledig pakket				
--	Sediment	Sample pre-treatment for package 3280	W0101 AS3000 and NEN 5719	B

of **Eurofins Analytico B.V.**

This annex is valid from: **14-08-2024 to 01-04-2025**

Replaces annex dated: **20-03-2024**

No.	Material or product	Type of activity ¹	Internal reference number	Location
181.	Sediment	Determination of per- and polyfluoroalkyl substances (PFAS) content; liquid chromatography with tandem mass spectrometry PFBA (perfluorobutanoic acid), PFPeA (perfluoropentanoic acid), PFHxA (perfluorhexanoic acid), PFHpA (perfluoropentanoic acid), PFOA linear (perfluorooctanoic acid), PFOA branched (perfluorooctanoic acid), sum of PFOA, PFNA (perfluorooctanoic acid), PFDA (perfluorooctanoic acid), PFUnDA (perfluorundecanoic acid), PFDoDA (perfluorodecanoic acid), PFTrDA (perfluorotridecanoic acid), PFTeDA (perfluoretetradecanoic acid), PFHxDA (perfluorhexadecanoic acid), PFODA (perfluorooctadecanoic acid), PFBS (perfluorobutane sulfonic acid), PFPeS (perfluoropentane sulfonic acid), PFHxS (perfluorhexane sulfonic acid), PFHpS (perfluorheptane sulfonic acid), PFOS linear (perfluorooctane sulfonic acid), PFOS branched (perfluorooctane sulfonic acid), sum of PFOS, PFDS (perfluorooctane sulfonic acid), 4:2 FTS (4:2 fluorotelomer sulfonic acid), 6:2 FTS (6:2 fluorotelomer sulfonic acid), 8:2 FTS (8:2 fluorotelomer sulfonic acid), 10:2 FTS (10:2 fluorotelomer sulfonic acid), PFOSA (perfluorooctane sulfonamide), MeFOSA (n-methyl-perfluorooctane sulfonamide), MeFOSAA (n-methyl-perfluorooctane sulfonamide acetate), EtFOSAA (n-ethyl-perfluorooctane sulfonamide acetate) and 8:2 DiPAP (8:2 fluorotelomer phosphate diester)	W0145 en W0323 prestatieblad 3280-1	B
182.	Sediment	Determination of the content of other per- and polyfluoroalkyl substances (PFAS); liquid chromatography with tandem mass spectrometry HFPO-DA (2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propanoic acid)	W0145 en W0323 prestatieblad 3280-2	B