

**Flexible scope**

These flex scope activities are in accordance to the annex of accreditation  
 EN ISO/IEC 17025:2017 (registration numbre: **L005**) valid from: **22-12-2021** to **01-09-2024**.

NO.	MATERIAL OR PRODUCT	TYPE OF ACTIVITY	INTERNAL REFERENCE NUMBER
208.	Soil materials, water**, building materials, rubble, gas absorbing materials, air filter, sludge, sediment and waste	Determination of the content of metals; ICP-AES	MA-00643-NL
209.	Soil materials, water**, building materials, rubble, gas absorbing materials, air filter, sludge, sediment and waste	Determination of the content of metals; ICP-MS	MA-00643-NL
209-1	Surface water, groundwater	total phosphorus	MP-01651-NL MP-01654-NL MP-01673-NL NEN-EN-ISO 17294-2 (2004)
209-2	Surface water, groundwater	aluminium, beryllium, strontium, tellurium, titanium, uranium, tungsten, silver, zirconium	MP-01651-NL MP-01673-NL NEN-EN-ISO 17294-2 (2004)
210.	Soil materials, water**, building materials (including asphalt), rubble, gas absorbing materials, air filter, sludge, sediment and waste	Determination of the content of organic environmental contaminants; GC-MS	MA-00643-NL
210-1	Groundwater	(sum) 2,4-dichloroaniline + 2,5-dichloroaniline, 2,6-dimethylaniline	MP-02076-NL in-house method
210-2	Groundwater	4:2 perfluorethylethanol (4:2 FTOH)	MP-01845-NL in-house method
210-3	Waste	naphtalene, acenaphtylene, acenaphtene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3,c,d)pyrene, dibenzo(a,h)anthracene, benzo(g,h,i)perylene, sum of these 16 PAHs (EPA)	MP-01678-NL NEN-EN 15527
210-4	Waste	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 7 PCBs	MP-01679-NL MP-01678-NL NEN-EN 15308

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210-5	Waste	2,3,7,8 TCDD, 1,2,3,7,8 PCDD, 1,2,3,4,7,8 HxCDD, 1,2,3,6,7,8 HxCDD, 1,2,3,7,8,9 HxCDD, 2,3,7,8 TCDF, 1,2,3,7,8 PCDF, 2,3,4,7,8 PCDF, 1,2,3,4,7,8 HxCDF, 1,2,3,6,7,8 HxCDF, 1,2,3,7,8,9 HxCDF, 2,3,4,6,7,8 HxCDF, 1,2,3,4,6,7,8 HpCDD, OCDD, 1,2,3,4,6,7,8 HpCDF, 1,2,3,4,7,8,9 HpCDF, OCDF, TEQ according to NATO/CCMS upperbound, TEQ according to NATO/CCMS, TEQ according to WHO 2005 upperbound, TEQ according to WHO 2005	MP-01689-NL in-house method (measurement NEN-EN 1948)
210-6	Gas absorbing material	2-chlorotoluene	MP-01495-NL in-house method
210-7	Ground	anilin, o-toluidin, 2-chloroanilin, 2,6-dimethylanilin, o-anisidin, 3-chloroanilin, 4-chloroanilin, m-anisidin, 2,6-dichloroanilin, 2,4-dichloroanilin/2,5-dichloroanilin, 2,3-dichloroanilin, 3,5-dichloroanilin, 2,4,6-trichloroanilin, 3,4-tichloroanilin, 2,4,5-trichloroanilin, 2,3,4-trichloroanilin, 3,4,5-trichloroanilin	MP-01845-NL MP-02384-NL in-house method
<b>211.</b>	<b>Soil materials, water**, building materials (including asphalt), rubble, gas absorbing materials, air filter, sludge, sediment and waste</b>	<b>Determination of the content of organic environmental contaminants; HS-GC-MS</b>	<b>MA-00643-NL</b>
211-1	Surface water, groundwater, waste water	dithiocarbamates	MP-01849-NL in-house method
211-2	Soil	di-isopropylether	MP-01544-NL in-house method (measurement NEN-EN-ISO 22155)
211-3	Soil	methanol, tert-butanol	MP-01837-NL In-house method
<b>212.</b>	<b>Solid materials, water**, building materials, rubble, gas absorbing materials, sludge, sediment and waste</b>	<b>Determination of the content of organic environmental contaminants; LC-MS</b>	<b>MA-00643-NL</b>
212-1	Groundwater	dodecafluoro-3H-4,8-dioxanonaat (ADONA)	MP-02352-NL in-house method (measurement NEN-ISO 21675)
212-2	Surface water	perfluoro-n-pentanesulfonic acid (PFPeS), perfluor-1-nonanesulfonic acid (linear) (L-PFNS), perfluor-1-undecanesulfonic acid (linear) (L-PFUnDaS), perfluor-1-tridecanesulfonic acid (linear) (L-PFTrDAS), perfluor-1-dodecanesulfonic acid (linear) (L-PFDoAS), perfluorobutylsulphonamide (PBSA), 7H-perfluoroheptanoic acid (HPFHpA), 4:2 fluorotelomer sulfonic acid (4:2 FTS), 10:2 fluorotelomer sulfonic acid (10:2 FTS), 4,8-dioxa-3H-perfluorononanic acid (DONA), perfluor-4-ethylcyclohexanesulfonic acid (PFECHS),	MP-02352-NL in-house method (measurement NEN-ISO 21675)

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		2-[(8-chloor-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluorooctyl)oxyl]-1,1,2,2-tetrafluorethanesulfone (1Cl_PF3OUdS)	
212-3	Surface water	perfluoro-n-butanoic acid (PFBA), perfluoro-n-pentanoic acid (PFPeA), perfluoro-n-hexanoic acid (PFHxA), perfluoro-n-heptanoic acid (PFHpA), perfluoro-n-octanoic acid (linear) (L-PFOA), perfluoro-n-octanoic acid (branched) (B-PFOA), perfluoro-n-nonanoic acid (PFNA), perfluoro-n-decanoic acid (PFDA), perfluoro-n-undecanoic acid (PFUdA), perfluoro-n-dodecanoic acid (PFDoA), perfluoro-n-tridecanoic acid (PFTrDA), perfluoro-n-tetradecanoic acid (PFTeDA), perfluoro-n-hexadecanoic acid (PFHxDA), perfluoro-n-octadecanoic acid (PFOcDA), perfluoro-n-butanefluorosulfonic acid (linear) (L-PFBS), perfluoro-n-hexanesulfonic acid (linear) (L-PFHxS), perfluoro-1-heptanesulfonic acid (linear) (L-PFHpS), perfluoro-n-octanesulfonic acid (linear) (L-PFOS), perfluoro-n-octanesulfonic acid (branched) (B-PFOS), perfluoro-1-decanesulfonic acid (linear) (L-PFDS), perfluoro-n-octane sulfonamide (PFOSA), N-ethyl-perfluoro octane sulfonamidoacetic acid (N-EtFOSAA), N-Methyl perfluorooctane sulfonamide (N-MeFOSA), N-methyl-perfluoro octane sulfonamidoacetic acid (N-MeFOSAA), 6:2 fluorotelomer sulfonic acid (6:2 FTS), 8:2 fluorotelomer sulfonic acid (8:2 FTS), 8:2 polyfluoroalkyl phosphate diester (8:2 diPAP), 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-propanoic acid (HFPO-DA, GenX), perfluoro-n-hexanesulfonic acid (B-PFHxS), 2H-perfluoro-2-decenoic acid (8:2 FTUCA (=FOUEA)), potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	MP-02352-NL NEN-ISO 21675
212-4	Waste water	perfluoro-n-pentanesulfonic acid (PFPeS), perfluoro-1-nonanesulfonic acid (linear) (L-PFNS), perfluoro-1-undecanesulfonic acid (linear) (L-PFUnDaS), perfluoro-1-tridecanesulfonic acid (linear) (L-PFTrDAS), perfluoro-1-dodecanesulfonic acid (linear) (L-PFDoAS), perfluorobutylsulfonamide (PFBSA), 7H-perfluoroheptanoic acid (HPFHpA), 4:2 fluorotelomer sulfonic acid (4:2 FTS), 10:2 fluorotelomer sulfonic acid (10:2 FTS)	MP-02352-NL In-house method (measurement NEN-ISO 21675)

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212-5	Waste water	perfluoro-n-butanoic acid (PFBA), perfluoro-n-pentanoic acid (PFPeA), perfluoro-n-hexanoic acid (PFHxA), perfluoro-n-heptanoic acid (PFHpA), perfluoro-n-octanoic acid (linear) (L-PFOA), perfluoro-n-octanoic acid (branched) (B-PFOA), perfluoro-n-nonanoic acid (PFNA), perfluoro-n-decanoic acid (PFDA), perfluoro-n-undecanoic acid (PFUdA), perfluoro-n-dodecanoic acid (PFDoA), perfluoro-n-tridecanoic acid (PFTrDA), perfluoro-n-tetradecanoic acid (PFTeDA), perfluoro-n-hexadecanoic acid (PFHxDA), perfluoro-n-octadecanoic acid (PFocDA), perfluoro-n-butanefluorosulfonic acid (PFBS), perfluoro-n-hexanesulfonic acid (PFHxS), perfluoro-1-heptanesulfonic acid (PFHpS), perfluoro-n-octanesulfonic acid (linear) (L-PFOS), perfluoro-n-octanesulfonic acid (branched) (B-PFOS), perfluoro-1-decanesulfonic acid (PFDS), perfluoro-n-octane sulfonamide (PFOSA), N-ethyl-perfluoro octane sulfonamidoacetic acid (N-EtFOSAA), N-Methyl perfluorooctane sulfonamide (N-MeFOSA), N-methyl-perfluoro octane sulfonamidoacetic acid (N-MeFOSAA), 6:2 fluorotelomer sulfonic acid (6:2 FTS), 8:2 fluorotelomer sulfonic acid (8:2 FTS), 8:2 poly fluoroalkyl phosphate diester (8:2 diPAP), 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-propanoic acid (HFPO-DA, GenX)	MP-02352-NL NEN-ISO 21675
212-6	Sediment, sludge	perfluoro-n-undecanoic acid (PFUdA), perfluoro-n-dodecanoic acid (PFDoA), perfluoro-n-tridecanoic acid (PFTrDA), perfluoro-n-tetradecanoic acid (PFTeDA), perfluoro-n-hexadecanoic acid (PFHxDA), perfluoro-n-octadecanoic acid (PFocDA), perfluoro-n-pentanesulfonic acid (PFPeS), perfluoro-1-heptanesulfonic acid (PFHpS), perfluoro-1-decanesulfonic acid (PFDS), 4:2 fluorotelomer sulfonic acid (4:2 FTS), 6:2 fluorotelomer sulfonic acid (6:2 FTS), 8:2 fluorotelomer sulfonic acid (8:2 FTS), 10:2 fluorotelomer sulfonic acid (10:2 FTS), perfluoro-n-octane sulfonamide (PFOSA), N-Methyl perfluorooctane sulfonamide (N-MeFOSA), N-methyl-perfluoro octane sulfonamidoacetic acid (N-MeFOSAA), N-ethyl-perfluoro octane sulfonamidoacetic acid (N-EtFOSAA), 8:2 poly fluoroalkyl phosphate diester (8:2 diPAP), 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-propanoic acid (HFPO-DA, GenX)	MP-02352-NL in-house method (measurement DIN 38414-14)

## AL-West B.V.

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NO.	MATERIAL OR PRODUCT	TYPE OF ACTIVITY	INTERNAL REFERENCE NUMBER
212-7	Sediment, sludge	perfluoro-n-butanoic acid (PFBA), perfluoro-n-pentanoic acid (PFPeA), perfluoro-n-hexanoic acid (PFHxA), perfluoro-n-heptanoic acid (PFHpA), perfluoro-n-octanoic acid (linear) (L-PFOA), perfluoro-n-octanoic acid (branched) (B-PFOA), perfluoro-n-nonanoic acid (PFNA), perfluoro-n-decanoic acid (PFDA), perfluoro-n-buthanesulfonic acid (PFBS), perfluoro-n-hexanesulfonic acid (PFHxS), perfluoro-n-octanesulfonic acid (linear) (L-PFOS), perfluoro-n-octanesulfonic acid (branched) (B-PFOS),	MP-02352-NL DIN 38414-14

\*\* By water is meant: surface water, wastewater, groundwater, eluates, influent and effluent.