

Annex to declaration of accreditation (scope of accreditation)  
 Normative document: EN ISO/IEC 17043:2010  
 Registration number: **R 005**

of **KWR Water B.V.**

This annex is valid from: **19-09-2024 to 31-05-2026**

Replaces annex dated: **28-07-2021**

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

**Head Office**

Groningehaven 7  
 3433 PE  
 Nieuwegein  
 The Netherlands

Location	Abbreviation/ location code
Groningehaven 7 3433 PE Nieuwegein The Netherlands	Ni

Nr. / HCS code	Material, product or device	Type of activity (parameter)	Concentration range / Measuring range	Frequency	Location
<b>General and Inorganic parameters</b>					
1.	Drinking water	Hg, Cd, Al, As, Cr, Pb, Sb, Se, Cu, Ni, Zn, B, Ba, Fe, Mn K, Mg, Na, Ca total hardness	(0,1-1) µg/l (0,1-10) µg/l (1-70) µg/l (1-200) µg/l (1-350) µg/l (0,5-50) mg/l (1-200) mg/l )0,5-6) mmol/l	once a year	Ni

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

J.A.W.M. de Haas

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Nr. / HCS code	Material, product or device	Type of activity (parameter)	Concentration range / Measuring range	Frequency	Location
2.	Drinking water	NO <sub>2</sub> , F, NH <sub>4</sub> , turbidity, DOC, NO <sub>3</sub> , SO <sub>4</sub> , Cl ortho-phosphate, total-phosphate, pH, SiO <sub>2</sub> , colour, [PT] CO <sub>3</sub> , conductivity (T <sub>ref</sub> 25°C), HCO <sub>3</sub> , total-cyanide	(0,02-0,2) mg/l (0,05-2) mg/l (0,05-2) mg/l (0,1-2,5) FNE (0,1-15) mg/l (0,5-50) mg/l (1-200) mg/l (10-200) mg/l (0,05-2) mg/l  4-11 (0,1-15) mg/l (2-20) mg/l (0,5-50) mg/l (10-150) mS/m (1-300) mg/l (2,5-350) µg/l	once a year	Ni
3.	Swimming water	urea, cyanuric acid, free chlorine, total chlorine	(0,5-5) mg/l (5-15) mg/l (0,1-20) mg/l	once a year	
4.	Surface water	NH <sub>4</sub> , NO <sub>2</sub> , NO <sub>3</sub> , ortho-phosphate, anionactive detergents, [NalaurylSO <sub>4</sub> ] F, Kjeldahl-N, total-phosphate, COD (CZV), SiO <sub>2</sub> , UV-absorption, colour, [PT] SO <sub>4</sub> , Cl, suspended matter, oxygen (dissolved)	(0,02-2) mg/l (0,05-3) mg/l (0,02-2,5) mg/l  (0,02-2,5) mg/l (0,05-3) mg/l (0,02-2) mg/l (1-15) mg/l (1-15) mg/l (0,1-20) E/m (2-20) mg/l (1-200) mg/l actueel niveau mg/l (1-15) mg/l	once a year	
5.	Surface water	Be, Cd, Hg, Cr, As, Se, V, Co, Al, Pb, Cu, Zn, Ni, Ba, Fe, Mn, K, Ca, Mg, Na	(0,1-10) µg/l (1-70) µg/l (1-500) µg/l (0,01-1) mg/l (1-15) mg/l (1-200) mg/l	once a year	
6.	Groundwater	Cd, Hg, As, Cr, Co, Pb, Cu, Ni, Zn, Mo, Al, Fe, Mn, Ba.	(0,1-10) µg/l (1-70) µg/l (1-300) µg/l (0,1-20) mg/l	once a year	

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7.	Groundwater	NH <sub>4</sub> , ortho-phosphate, pH, Mg, K, NO <sub>3</sub> , [PT] Na, Ca, SO <sub>4</sub> , HCO <sub>3</sub>	(0,05-2) mg/l (0,05-2) mg/l 4-11 (0,5-50) mg/l (0,5-50) mg/l (1-200) mg/l (1-300) mg/l	once a year	Ni
8.	Wastewater	total-phosphate, ortho-phosphate, [P] anionactive detergents, [NalaurylSO <sub>4</sub> ] F, DOC, [C] SiO <sub>2</sub> , [si] NO <sub>2</sub> , [N] NH <sub>4</sub> , NO <sub>3</sub> , [N] Kjeldahl-N, [N] Cl, SO <sub>4</sub> , suspended matter, COD (CZV), total-cyanide, free-cyanide.	(0,1-5) mg/l (0,1-10) mg/l  (1-15) mg/l (1-15) mg/l (1-15) mg/l (0,2-20) mg/l (1-50) mg/l (0,5-60) mg/l (5-200) mg/l (7-300) mg/l (10-350) µg/l	once a year	
9.	Wastewater	Hg, As, Cd, Se, Al, Cu, Fe, Mn, Ni, Zn, Cr, Pb	(0,5-50) µg/l (0,03-5) mg/l (0,03-5) mg/l	once a year	



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Nr. / HCS code	Material, product or device	Type of activity (parameter)	Concentration range / Measuring range	Frequency	Location
12.	Drinking- and groundwater	Volatile halogenated hydrocarbons (VHH) 1,1,1-trichloro-ethane 1,1,2,2-tetrachloro-ethane 1,1,2-trichloro-ethane 1,1-dichloro-ethane 1,2,3-trichloropropane 1,2-dichloro-ethane 1,2-dichloropropane bromochloromethane bromodichloromethane chloroform (trichloromethane) cis-1,3-dichloropropene dibromochloromethane tetrachloro-ethene tetrachloromethane trans-1,3-dichloropropene tribromomethane trichloro-ethene	(0,1-2) µg/l	once a year	Ni
13.	Drinking- and groundwater	Volatile aromatic hydrocarbons (VAH) 1,2,3-trimethylbenzene 1,2,4-trimethylbenzene benzene chlorobenzene cyclohexane dimethylbenzene, meta+para dimethylbenzene, ortho ethylbenzene methylbenzene (toluene) naphthalene n-propylbenzene	(0,1-2) µg/l	once a year	
14.	Drinking- and groundwater	N/P-pesticides atrazine chlorofenvinfos (cis + trans) cyanazine desethylatrazine desisopropylatrazine desmetryn dichlorovos dimethoate ethoprofos metribuzin parathion-ethyl pirimicarb prometryne propazine simazine terbutryn terbuthylazine  chloroacetamides alachlor metazachlor metolachlor  bromacil	(0,05-1) µg/l  (0,05-1) µg/l  (0,02-1) µg/l	once a year	



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19.	Surface water	Polycyclic aromatic hydrocarbons (PAH) acenaphtene acenaphtylene anthracene benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene benzo(ghi)perylene benzo(k)fluoranthene chrysene dibenzo(a,h)anthracene fluoranthene fluorene indeno(123-cd)pyrene naphthalene phenanthrene pyrene	(0,02-1) µg/l	once a year	Ni
20.	Surface water	Volatile halogenated hydrocarbons (VHH) 1,1,1-trichloro-ethane 1,1,2,2-tetrachloro-ethane 1,1,2-trichloro-ethane 1,1-dichloro-ethane 1,2,3-trichloropropane 1,2-dichloro-ethane 1,2-dichloropropane bromochloromethane bromodichloromethane chloroform (trichloromethane) cis-1,3-dichloropropene dibromochloromethane tetrachloro-ethene tetrachloromethane trans-1,3-dichloropropene tribromomethane trichloro-ethene	(0,5-2) µg/l	once a year	
21.	Surface water	Volatile aromatic hydrocarbons (VAH) 1,2,3-trimethylbenzene 1,2,4-trimethylbenzene benzene chlorobenzene cyclohexane dimethylbenzene, meta+para dimethylbenzene, ortho ethylbenzene methylbenzene (toluene) naphthalene n-propylbenzene	(0,5-2) µg/l	once a year	





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25.	Wastewater	Polycyclic aromatic hydrocarbons (PAH) acenaphtene acenaphtylene anthracene benzo(a)anthracene benzo(a)pyrene benzo(b)fluoranthene benzo(ghi)perylene benzo(k)fluoranthene chrysene dibenzo(a,h)anthracene fluoranthene fluorene indeno(123-cd)pyrene naphtalene phenantrene pyrene	(0,1-20) µg/l	once a year	Ni
26.	Wastewater	Volatile halogenated hydrocarbons (VHH) 1,1,1-trichloro-ethane 1,1,2,2-tetrachloro-ethane 1,1,2-trichloro-ethane 1,1-dichloro-ethane 1,2,3-trichloropropane 1,2-dichloro-ethane 1,2-dichloropropane bromochloromethane bromodichloromethane chloroform (trichloromethane) cis-1,3-dichloropropene dibromochloromethane tetrachloro-ethene tetrachloromethane trans-1,3-dichloropropene tribromomethane trichloro-ethene	(2-200) µg/l	once a year	
27.	Wastewater	Volatile aromatic hydrocarbons (VAH) 1,2,3-trimethylbenzene 1,2,4-trimethylbenzene benzene chlorobenzene cyclohexane dimethylbenzene, meta+para dimethylbenzene, ortho ethylbenzene methylbenzene (toluene) naphtalene n-propylbenzene	(2-200) µg/l	once a year	
28.	Wastewater	Mineral oil	(0,05–200) mg/l	once a year	

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<b>Microbiological parameters</b>					
29.	Drinking water	<i>Aeromonas</i> 30 °C <i>Aeromonas</i> 37 °C bacteria of the Coligroup <i>E. coli</i> enterococci <i>Clostridium perfringens</i> sulphite reducing Clostridia	(0-300) kve/100ml	once a year	Ni
30.	Drinking water	bacteria of the Coligroup enterococci <i>Clostridium perfringens</i> <i>E. coli</i> plate count 22 °C plate count 36 °C sulphite reducing Clostridia	(0-300) kve/100ml  (0-3000) kve/ml  (0-300) kve/100ml	once a year	
31.	Drinking water	<i>Aeromonas</i> 30 °C <i>Aeromonas</i> 37 °C bacteria of the Coligroup <i>E. coli</i> plate count 22 °C plate count 36 °C	(0-300) kve/100ml  (0-3000) kve/ml	once a year	
32.	Drinking water	<i>Legionella</i>	(0-30.000) kve/l	three times a year	
33.	Diluted surface water	ATP	(0-100) ng/l	once a year	

cfu = colony forming units