









































**Bottleset Water Kiel**  
**DIN EN ISO/IEC 17025 : 2018 Kap. 7.4**

In	articlenr. name	material color of the cap	contents	GHS - label	Included preservation filling material regulation	number of bottles, analysis parameters
	A004 neutral	PE, white red	500 ml			1 bromide , bromate, chloride, extinktion/color (only drinking waters) fluoride, iodide, nitrite, nitrate, ammonium (not for waste waters), <i>ortho</i> -phosphate, silicates/silic acid, sulfate, TOC/DOC (not for waste waters) TNb, turbidity, Chromium VI (not for mineral water) 1 PFAS 2 PFAS (TOP-Assay) 1 BSB 1 Dry substance 1 Luminescent bacteria 1 Fish egg test 2 alpha-activity, total beta-activity, total
	A400 organics 500mL	Glas, green black	500 ml		Fill the bottle completely	1 extinktion/color (groundwater and waste waters), sensory perception 1 EOX 1 POX 1 Anionic, cationoc and non-ionic tensides chlorphenoles
 	A700 organics 1000mL	Glas, green black	1000 ml		Fill up to the neck of the bottle (see red bar) Only applies for all parameters of this bottle	1 MKW 2 MKW with low detection limit 1 PAK 1 PCB 1 nonylphenoles, octylphenoles 2 phthalates 1 organochlorine-pesticides 1 plant protection products (inkl. glyphosate/AMPA) 2 organotin-compounds 2 explosive compounds 2 oils and fats 1 pharmaceuticles 1 sweeteners
	A205 organics	Glas, brown black	250 ml		Fill up to the neck of the bottle (analog A700)	1 alcohols, polar solvents and glycols
	A101 VOC (pools)	Glas, clear silver	20 ml		Thiosulfate Do not rinse, Fill bottles to the brim	2 VOC (BTEX/LHKW for drinking and swimming waters)
	A103 VOC	Glas, clear white	20 ml		H <sub>2</sub> SO <sub>4</sub> do not rinse, Fill bottles to the brim	3 VOC (BTEX/LHKW for waste and ground waters)

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	A112 VOC-P&T	Glas, clear white	40 ml		Fill bottles to the brim without air bubbles	3 special-VOC (solvents, ketones, CS <sub>2</sub> ) ( <i>fully filled</i> )
	A113	Glas, clear brown	100 ml		H <sub>2</sub> SO <sub>4</sub> do not rinse, Fill bottles to the brim without air bubbles	1 methane, ethane, ethene, diisopropyl ether, dichlorpropene, dichlorpropane, butylbenzene
	A102 metals	PE, white black	100 ml		HNO <sub>3</sub> Do not rinse (filtered groundwaters, without sediment)	1 metals, total phosphorus (ICP), boron, NO mercury
	A107 mercury	Glas, clear black	100 ml	 	HCl do not rinse, Fill bottles to the brim without air bubbles	1 mercury 1 hydrazine
	A119 Fe(II), Mn(II)	PE, clear blue	100 ml		HCl do not rinse, Fill bottles to the brim without air bubbles, filter	1 Fe(II), 1 Mn(II), 1 Fe total (photom.)
	A704 metals UBA	PE, white black	1 L		HNO <sub>3</sub> do not rinse	1 metals according to UBA (only drinking waters)
	A200 AOX	Glas, brown green	250 ml		HNO <sub>3</sub> do not rinse	2 AOX
	A106 phenolindex	Glas, brown white	60 ml		H <sub>2</sub> SO <sub>4</sub> do not rinse	1 phenol index
	A114 cyanides	PE, black blue	60 ml		NaOH do not rinse	2 cyanide (only ground and drinking waters)
	A210	PE, white blue	250 ml		NaOH do not rinse	1 Total cyanide, cyanide easy releasable (only waste waters)
	A211 sulfides	PE, white green	250 ml	 	ZnAc+NaOH do not rinse	1 sulfide
	A105 sulfides	PE, white white	60 ml	 	EDTA do not rinse	1 sulfite 1 Chromium VI (mineral water only)

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	A104 chlorates, chlorites	PP, clear white	30 ml		NaOH do not rinse	1 chlorite, chlorate
	A203 CO <sub>2</sub>	PET, clear white	250 ml		Fill bottles to the brim without air bubbles	1 base capacity 1 acid capacity, hydrogencarbonate, carbon dioxide, carbonate, pH, conductivity 1 tritium (2 bottles for a lower detection limit) 1 EDTA/NTA
	A208 COD, N, P	PE, white white	250 ml		H <sub>2</sub> SO <sub>4</sub> do not rinse	1 CSB, TKN, TOC (waste and ground waters), grade of oxidation (KMnO <sub>4</sub> -consumption)
	A002 Mibio	PE, white blue	250 ml		Thiosulfat do not rinse fill bottles to the brim – no overflow	1 E.coli, coliform germs, total number of germs 20°C and 36°C + if necessary one parameter more 1 For every parameter (more parameters could include: Ps. aeruginosa, enterococci, Clostr. perfringens)
	A207 Mibio (pools)	PE, white blue, wrapped	250 ml		Thiosulfat do not rinse fill bottles to the brim	1 For scoop samples (z.B. swimming waters) analog A002
	A404 neutral sterile	PE, white blue, wrapped	500 ml		Thiosulfat do not rinse fill bottles to the brim	1 microbiology ice cubes/crushed ice
	A001 legionella	PE, white blue	125 ml		Thiosulfat do not rinse fill bottles to the brim – no overflow	1 legionella bacteria
	A702 Mibio 1L	PE, white blue	1000ml		Thiosulfat do not rinse	1 Mibi (according to the Mineral and Table Water Ordinance, Min/TafelWV)
	A109 Oxygen	PET, clear white	125 ml		Fill bottles to the brim without air bubbles, add solutions 1+2 (A900)	1 oxygen 1 formaldehyde (ATTENTION: don't add fixing solvent)
	A900 Fixing agent	Glas, brown white-red	100 ml			fixing solvent for fixing O <sub>2</sub> in A109 1 solvent FIX1 (addition: 1 pipettes) 1 solvent FIX2 (addition: 1 pipettes)
	A115 neutral, filtered	PE, white red	100 ml		Do filtering on site	1 waste waters: nitrate, nitrite, ortho-phosphate
	A703 neutral 1L	PE, white red	1000 ml			1 AOF 2 sedimentable substances 1 filtrable substances 1 daphnia test

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	A060 P, N, DOC filtered	PE, white red	60ml		H <sub>2</sub> SO <sub>4</sub> do not rinse Do filtering on site	1 waste waters: DOC, ammonium, CSB in filtrate, oPO <sub>4</sub>
	A204 CO <sub>2</sub> marble test	PET, clear black	250 ml		Marble do not rinse, Fill bottles to the brim without air bubbles	1 acid capacity after a marble dissolution test
	A401 phenoles	glas, green white	500 ml		H <sub>2</sub> SO <sub>4</sub> do not rinse	2 phenols 1 lipophilic substances
	A009 chlorophyll	PE, black black	500 ml			2 chlorophyll
	A201 Rn	Glas, brown black	250 ml		Fill bottles to the brim without air bubbles	1 radon 1 acrylamide 1 epichlorhydrin
	A800 radio	PE, white white	5000 ml			1 radium-226, radium-228, lead-210, iodid-131, cesium - 134, cesium -137, cobalt-60
	A299	Glas, clear white	250 ml			1 sensoric perception on site
	AGROLAB- catalase	cryovial, blue cap	2 ml		Catalase Store in a cool place Note durability	Inactivation of H <sub>2</sub> O <sub>2</sub> in case of legionella bacteria and/or microbiological parameters in cooling water (for amount see sampling protocol)
	syringe (steril) 1mL	Omnifix, 40 Solo, brown	1 ml			In case of addition of catalase for an inactivation
	A122	PE, clear black cap	60 ml		2,5% Ethylenediamine (2,5% EDA)	1 bromate (IC)
	A120	PE, clear green cap	100 ml		40 % nitric acid	1 metals filtered