

**Bottlelist water**

Article no. name	material cap colour	volume	GHS-label	containing preservation filling instruction	No. Bottles, analysis parameters
 A001 Legionella	PE white blue	125 ml		Thiosulphate don't rinse, only fill up to the "shoulder"	1 Legionella
 A002 Mibio	PE white blue	250 ml		Thiosulphate don't rinse, only fill up to the "shoulder"	1 E. coli, Coliforms, bacterial count 20°C and 36°C + x (x = Enterococcus, Cl. perfringens or Ps. aeruginosa) 1 For each additional parameter
 A004 Neutral	PE white red	500 ml			1 I <sup>-</sup> , Br <sup>-</sup> , BrO <sub>3</sub> <sup>-</sup> , Cl <sup>-</sup> , Cr(VI), F <sup>-</sup> , NO <sub>2</sub> <sup>-1</sup> , NO <sub>3</sub> <sup>-1</sup> , o-PO <sub>4</sub> <sup>3-1</sup> , SO <sub>4</sub> <sup>2-</sup> , DOC <sup>1</sup> , turbidity, KMnO <sub>4</sub> 1 PFC, Glyphosate/AMPA, EDTA/NTA, 1 Dry residue 2 AOF 1 luminous bacteria 2 BOD 1 daphnia test 1 fish egg test 1 green alga test 2 alpha-activity, total 2 beta-activity, total 2 Tritium for age determination 1 Tritium for drinking water ordinance
 A009 Chlorophyl	PE black black	500 ml			2 Chlorophyll
 A101 VOC (pools)	Glass light brown white	20 ml		Thiosulphate don't rinse fill bubble free to the brim, for bathing water add 3 drops of KHSO <sub>4</sub> solution	2 VOC (BTX/LHKW for drinking and bathing water), THM
 A102 Metals	PE white black	100 ml		HNO <sub>3</sub> don't rinse	1 Boron, metals without Hg, silicates
 A103 VOC	Glass clear white	20 ml		H <sub>2</sub> SO <sub>4</sub> don't rinse fill bubble free to the brim	3 VOC (BTX/LHKW for seepage, ground, surface and waste water)
 A104 Chlorate, Chlorite	PP clear white	30 ml		NaOH don't rinse	1 Chlorite, Chlorate

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 A105 Sulphites	PE white white	60 ml	 	EDTA don't rinse	1 Sulphites
 A106 Phenolindex	Glass brown white	60 ml		H <sub>2</sub> SO <sub>4</sub> don't rinse	1 Phenolic index
 A107 Hg	Glass clear black	100 ml	 	HCl don't rinse fill bubble free to the brim	1 Hg (Attention! ground water: filtered filling!)
 A109 Oxygen	PET clear black	125 ml		Fill bubble free to the brim add fixing solution 1+2 (A900)	1 Oxygen
 A113 VOC	Glass brown white	100 ml		H <sub>2</sub> SO <sub>4</sub> don't rinse fill bubble free to the brim	1 Methane, Ethane, Ethene
 A114 Cyanide	PE black blue	60 ml		NaOH don't rinse	1 Cyanide
 A119 Metals (HCl)	PE white blue	100 mL		HCl, don't rinse	1 Fe (II), Mn (II)
 A120 Metals filtered	PE white green	100 mL		filtered filling HNO <sub>3</sub> don't rinse	1 Boron, metals, silicates (metals without Hg, Fe (II), Mn (II))
 A200 AOX	Glass brown white	250 ml		HNO <sub>3</sub> don't rinse	1 AOX 4 Oil and Fat (IR)

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 A201 Rn	Glass brown black	250 ml		Fill bubble free to the brim	1 Radon 1 anionic tensides
 A203 CO <sub>2</sub>	PET clear white	250 ml		Fill bubble free to the brim	1 Base capacity 1 Acid capacity, HCO <sub>3</sub> <sup>-</sup> , CO <sub>2</sub> , CO <sub>3</sub> <sup>2-</sup> , pH, conductivity 1 EDTA/NTA
 A204 CO <sub>2</sub> marble test	PET clear black	250 ml		Contains marble powder don't rinse fill bubble free to the brim	1 CO <sub>2</sub> (chalk dissolves)
 A205 Organics, 250 mL	Glass brown black	250 ml			1 Colour, extinction (254 nm, 436 nm) 1 Acrylamide, epichlorohydrin 1 Glycols
 A207 Mibio (pools)	PE white blue	250 ml		Thiosulphate don't rinse only Fill up to the "shoulder"	1 Scooped sample see A002
 A208 COD, N, P	PE white white	250 ml		H <sub>2</sub> SO <sub>4</sub> don't rinse	1 COD, TNb, TKN, TOC, P, NH <sub>4</sub> <sup>+</sup> 1)
 A211 Sulphides	PE white green	250 ml		ZnAc + NaOH don't rinse	1 Sulphides
 A299 Sensorik	Glass clear white	250 ml		 Fill bottle approx. 2/3 full	1 Odour, taste, colouring/turbidity, 1 Odour threshold value, qualitative in the laboratory

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 A401 Phenoles	Glass green or brown black	500 ml		H <sub>2</sub> SO <sub>4</sub> don't rinse	1 Phenoles 2 Lipophilic substances
 A404 Mibio, sterile	PE, white blue	500 mL		Thiosulphate don't rinse	2 Microbiology crushed ice <b>New bottle from December 2022</b>
 A700 Organics	Glass green black	1.000 mL		 fill up to the neck of the bottle	1 PAH & PCBs 1 Hydrocarbons 1 Hormones according to WFD 3 Phthalates 3 Pesticides / plant protection agents 1 Pharmaceuticals / Sweeteners 2 Organotin compounds 1 EOX, cationic and nonionic tensides
 A702 MIBIO-1L	PE white blue	1.000 mL		Thiosulphate don't rinse only fill up to the "shoulder"	<u>Drinking water dispenser:</u> E. coli, Coliforms, 1 bacterial count 20°C and 36°C Enterococcus, Ps. aeruginosa, Cl. perfringens
 A703 Neutral	PE white red	1.000 mL			1 Filterable substances 2 Settleable solids
 A704 Metalle UBA	PE white black	1.000 mL		HNO <sub>3</sub> don't rinse fill exactly 1 l fill (see marking)	1 Metals by UBA
 A800 Radio	PE white white	5000 ml			1 Radioactivity

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 Katalase	Cryovial, blue lid	2 ml		Catalase Keep refrigerated Consider shelf life	Inactivation of H <sub>2</sub> O <sub>2</sub> in legionella and / or microbiological parameters in cooling water (amount see sampling protocol)
 Omnifix, 40 Solo, BRAUN	Syringe, sterile	1 ml			Adding catalase for inactivation

1) Other conservation rules apply for the standardised sampling of contaminated water. Please refer to the bottle set list of AGROLAB Labor GmbH (MF-02493-DE, MF-02494-EN)

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