



Eurofins Water Hygiene Testing UK Sample Container Guide

All samples should be transported at 2 - 8°C unless otherwise stated.



Water Hygiene Testing

Bottle	Bottle Type	Preservative	Analysis	Min. sample volume (for analysis incl. repeats)
	10 L sample bladder	None	Cryptosporidium, Giardia (subcontracted analysis)	10 L
	500 ml/1000 ml sterile PET bottles	Sodium thiosulphate	Coliform bacteria, <i>E. coli</i> , Enterococcus spp., Pseudomonas, colony counts	500 ml required
		Sodium thiosulphate *Please note higher dose bottles are available on request for samples containing copper, silver or high levels of biocides.	Legionella samples should be protected from heat and sunlight and transported at ambient temperature	500 ml / 1000 ml Required (Bottles MUST be filled to 500 ml/ 1000 ml line)
	T-O-GLASS - Duran 500 ml Rinse before filling. Fill bottle slowly. Do NOT leave an air gap.	None	Quantitative taste & odour (subcontracted analysis)	500 ml
	1000 ml square plastic PET bottle. Rinse before filling. Fill bottle slowly. Do NOT leave an air gap.	None	Qualitative taste & odour	250 ml

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Bottle	Bottle type	Preservative	Analysis	Test volume (min.)	Re-test volume
	1000 ml square plastic PET bottle (Please add the volume in minimum sample volume column)	None	Metals	150 ml	150 ml
			Turbidity, Sulphite, Tannin	50 ml	
			Fluoride, Ammonia, Chloride, Nitrite, Total oxidised Nitrogen, Nitrate, Ortho PO ₄ , colour, Sulphate	15 ml	
			pH, conductivity, alkalinity	125 ml	
			Suspended solids	100 ml	100 ml per test (Depending on the test required)
			Settled solids	100 ml	
			Rapidly suspended solids	100 ml	
			Total solids	100 ml	
			Total dissolved solids @ 105 °C / 180 °C	100 ml	
			Dissolved Oxygen	250 ml (Sample bottle must be filled to the brim)	Re-test not possible
			Appearance, Glycol	No additional volume required	N/A

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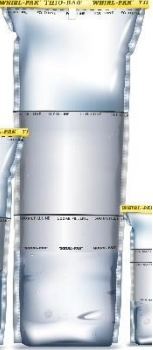
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Bottle	Bottle Type	Preservative	Analysis	Test volume (min.)	Re-test volume
	500ml/1000 ml amber glass bottle	None	General organic chemistry (subcontracted analysis)	N/A	N/A
	125 ml amber glass bottle		Permanganate index (oxidisability)	100 ml	No additional volume required
	125 ml amber Glass bottle (Sample bottle must be filled to the brim)		Free Chlorine	125 ml	N/A
			Total Chlorine		
			Bromine		
	1000 ml square plastic PET bottle		COD, BOD	500 ml	500 ml
			(Total, filtered, settled)		
			Tannin, Sulphite	100 ml	100 ml



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Thio-Bag®	Thio-Bag® type	Preservative	Analysis	Test volume (min.)
	4 fluid ounce - 110ml	Sodium thiosulphate	Colony counts only or Colony counts plus 1 of the following: Coliform bacteria & <i>E. coli</i> , <i>Enterococcus spp.</i> , <i>Pseudomonas aeruginosa</i>	110 ml
	500 ml	Sodium thiosulphate	Coliform bacteria, <i>E. coli</i> , <i>Enterococcus spp.</i> , <i>Pseudomonas</i> , colony counts	500 ml
	1000 ml	Sodium thiosulphate *Please see page 1 for higher dose bottles if required.	Legionella samples should be protected from heat and sunlight and transported at ambient temperature	1000 ml Required (bag MUST be filled to 1000 ml line)