

FW-3 Dried residue (onopgeloste bestanddelen)	
Year: 2023	Participants: 12 laboratories expected
Number of rounds: 1 per year	Period exercise: 17 April – 8 May
Number of materials: 5 per round	Sample size: 1000 ml

[Timetable](#)
[PT Scheme](#)
[Costs](#)

This study covers the determination of dried residue in freshwater and wastewater test materials. Participation is only applicable for local laboratories as analysis needs to be performed on fresh samples. A request to participate can be made by sending an e-mail to wepalquasimeme@wur.nl.

Test Materials

The test materials are prepared in bulk from filtered (1 mm) freshwater and wastewater. In addition, a standard sample is prepared from Silica in tapwater. Homogeneity of the test materials is assumed, as they were prepared in bulk and thoroughly mixed, before being dispensed into 1 litre glass bottles for distribution. Samples are freshly prepared a day in advance to the pre-determined date and sent cooled by courier with same-day delivery. Samples need to be kept cooled until analysis. **The pre-determined date of analysis of these samples is 19th of April 2023.** These samples cannot be distributed worldwide.

Determinands and Concentration Ranges

Determinand*	Matrix	Unit	Concentration Range	Error	
				Const	Prop
Dried residue	Freshwater	mg/l	1-100		
Loss on ignition	Freshwater	mg/l	1-100		
Dried residue	Wastewater	mg/l	1-100		
Loss on ignition	Wastewater	mg/l	1-100		
Dried residue	Standard	mg/l	1-100		

* This exercise is not in the scope of accreditation.