

AQ-7 Pentachlorophenol in Seawater					
Year	2020	Number of Rounds / Year	1	Number of Materials	3
Distribution	April (5 laboratories expected)				
Participation fee	€550,=				

Introduction

This study covers the determination of pentachlorophenol (PCP) in seawater test materials. As PCP is usually determined by a special method this exercise is offered separately.

Test Materials

The seawater for this study is collected from the Eastern Atlantic Ocean and is filtered to remove bacteria and particles. The test materials are thoroughly mixed and dispensed into 1 litre glass bottles. These bottles are individually spiked with methanol solutions containing PCP.

Homogeneity of the test materials is assumed, as they were spiked to the same concentration level. The test materials are stable for the purposes of the exercise.

Determinands and Concentration Ranges

The table shows:

- The expected concentration range for the determinand in the spiked test materials.
- The constant and proportional error that will be used for assessment of the results.

Where available the AA-EQS (EU-WFD) is given.

Determinand	Unit	Concentration Range	Error		AA-EQS
		Seawater (spiked)	Const	Prop	
Pentachlorophenol	ng/L	20—2000	10	12.5%	400

This determinand is not in the scope of the accreditation.