

Report

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Project

Analysis: V5

Your ID	R16-869-1/Primex Sea water						
LabID	U11191115						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign	
Filtrerad med 0,45µm före metallanalys*	Nej			1	I	PABR	
Ca	383	29	mg/l	1	R	EL	

Your ID	R16-869-2/Primex Sea water						
LabID	U11191116						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign	
Filtrerad med 0,45µm före metallanalys*	Nej			1	I	PABR	
Ca	397	30	mg/l	1	R	EL	

Your ID	R16-869-3/Primex Sea water						
LabID	U11191117						
Analysis	Results	Uncertainty (±)	Unit	Method	Issuer	Sign	
Filtrerad med 0,45µm före metallanalys*	Nej			1	I	PABR	
Ca	401	31	mg/l	1	R	EL	

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Method specification	
1	<p>Analysis according to package V-5, V-6:</p> <p>Analysis of water samples without dissolution. When filtration has been performed, a filter of 0,45µm was used.</p> <p>For W an unacidified sample portion was analyzed. For other elements the samples were acidified with 1 ml ultra-high purity nitric acid per 100 ml. This does not apply to samples that were already acidic upon receipt by the laboratory.</p> <p>The ICP-SFMS analyses were carried out according to SS EN ISO 17294-1, 2 (modified) and US EPA Method 200.8 (modified). The ICP-AES analyses were carried out according to SS EN ISO 11885 (modified) and US EPA Method 200.7 (modified). The AFS analyses for Hg were carried out according to SS EN ISO 17852.</p> <p>Note that limits of reporting may be affected if, e.g. additional dilution was required because of matrix effects, or the sample quantity was limited.</p>

Approver	
EL	Erik Lidman
PABR	Patrik Bruhn

Issuer ¹	
I	Man.Inm.
R	ICP-AES

* indicates unaccredited analysis.

The uncertainty is given as extended uncertainty (according to the definition in "Evaluation of measurement data - Guide to the expression of uncertainty in measurement", JCGM 100:2008 Corrected version 2010) calculated with a coverage factor of 2, which gives a confidence level of approximately 95%.

The uncertainty from subcontractors is often given as extended uncertainty calculated with a coverage factor of 2. Contact the laboratory for further information.

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¹ The technical unit within ALS Scandinavia where the analysis was carried out, alternatively the subcontractor for the analysis.