

TEST REPORT Nº 26002460

Client:	STOLT SEA FARM ICELAND HF	Version:	1
Address:	Vitabraut 7 , 233, REYKJANESBAER	State:	Final report

Sample Nº:	26002460	Date Received:	2/9/2026
Sample type:	SEAWATER	Testing commenced:	2/9/2026
		Testing completed:	3/31/2026

Sample data provided by the client:

Description: SEA WATER
 REFERENCE: OUTFLOW
 BATCH: HAFNIR
 SAMPLING DATE: 02/02/2026

Parameter	Method of test	Results	Com.	*Specification
Ammonium	PEE/4/90 (UV-VIS Spectrophotometry)	1,19 ± 0,18 mg/l		---
* Total Nitrogen	4PNT0125 (Mét. 4500-N Standard Methods)	2,0 mg/l		---
Conductivity	PEE/4/84 (Conductimetry)	37300 ± 2722 µS/cm(20°C)		---
Biochemical Oxygen Demand (BOD5)	PEE/4/92 (Manometric Method)	<12 mg O2/l		---
*Experimental value is outside the scope of ENAC accreditation (Result: <3 mg/l)				
* Bicarbonates	4PNT0122 (Mét. 2320 B Standard Methods)	145,82 mg/l HCO3		---
* Residual Free Chlorine	4PNT0130 (Mét.4500-Cl F Standard Methods)	<0,10 mg/l		---
<p>The result has been obtained more than 24 hours after sampling date until the beginning of the test. The bottle containing the sample has a headspace, so the result may be altered.</p>				
[S1] Total Organic Carbon (TOC)	IR spectroscopy	1,1 mg/l		---
* Nitrates	4PNT0126 (Mét. 4500-NO3 Standard Methods)	7,59 mg/l		---

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Nitrites	PEE/4/88 (UV-VIS Spectrophotometry)	0,038 ± 0,005 mg/l	---
Phosphates	PEE/4/91 (UV-VIS Spectrophotometry)	0,49 ± 0,04 mg/l	---
* Total phosphorus	4PNT0157 (UNE-EN-ISO 6878)	0,17 mg/l	---
* Dissolved oxygen	4PNT0143 (ISO 5814 Standard)	1,56 (16,3°C) mg O ₂ /l	---
pH	PEE/4/83 (Potentiometry)	8,01 ± 0,09 (18,8°C)	---
* Sulphates	4PNT0138 (Mét.4500-SO ₄ C Standard Methods)	759 mg/l	---
Chlorides	PEE/4/85 (Volumetry)	27588 ± 1264 mg NaCl /l	---
* Silica	4PNT0150 (Mét. 4500-Si Standard Methods)	4,42 mg/l SiO ₂	---
[S1] Magnesium	ICP-OES	1375,4 mg/l	---
[S1] Calcium	ICP-OES	451,1 mg/l	---
[S1] Tin	ICP-MS	<2 µg/l	---
[S1] Manganese	ICP-MS	2,63 µg/l	---
[S1] Iron	ICP-MS	2,42 µg/l	---
[S1] Potassium	ICP-OES	632,4 mg/l	---
[S1] Sodium	ICP-OES	11916,3 mg/l	---

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[S1] Mercury	Atomic fluorescence	<0,010 µg/l		---
[S1] Cadmium	ICP-MS	<50 ng/l		---
[S1] Aluminium	ICP-MS	4,82 µg/l		---
[S1] Copper	ICP-MS	<1,00 µg/l		---
[S1] Chrome	ICP-MS	<1,00 µg/l		---
[S1] Lead	ICP-MS	<1,00 µg/l		---
[S1] Nickel	ICP-MS	2,93 µg/l		---
[S1] Zinc	ICP-MS	523,33 µg/l		---
[S1] Arsenic	ICP-MS	<1,00 µg/l		---
[S1] Boron	ICP-OES	5,88 mg/l		---
[S1] Fluorides	Electrometry	430,00 µg/l		---

[S1] Subcontracted test covered by ENAC accreditation No. 109/LE285

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Unless otherwise indicated the result is communicated without recovery correction.

The expressed uncertainty corresponds to an expanded uncertainty with a confidence level of 95% (k=2).

In cases where the uncertainty is not reported and is applicable, it is estimated and available to the client.

Tests validated by:

Estefanía Gil Lagunilla / Physical-chemical Laboratory Manager

Tania Leyenda Souto / Physical-chemical Laboratory Manager

Report generated by:



Ana Losada Álvarez / Technical Manager

Issued in Vigo, 31 of March of 2026



Test, opinions and interpretations marked with (*) are not included in the ENAC accreditation scope.

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The sample was provided by client unless otherwise specified.

The laboratory is not responsible about the information provided by the client so it's not covered by the accreditation.