

FINAL CERTIFICATE OF ANALYSIS



COA N°: 747712-0

COA Date: 21/02/2023

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Customer: The Saldanha Bay Water Quality Forum Trust
 Order N°: CT 23-006362
 Client Reference N°:
 Project N°: CT 23-006362

Analysed By Swift Silliker (Pty) Ltd t/a Mérieux NutriSciences
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 Wilman Lucas
 20 Pelican Street The Cove
 7357
 Langebaan
 South Africa

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-001

Sample N°: 4719000

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.1-Breakwater Saldanha next to mussel rafts - 5:35

COA Remark**: Tide: Low

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-002

Sample N°: 4719001

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.2-Small Craft Harbour - 5:41

COA Remark**: Tide: Low

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	80	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	No Growth	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-003

Sample N°: 4719002

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.3-Government Jetty - 5:48

COA Remark**: Tide: Low

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	3	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-004

Sample N°: 4719003

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.4-Saldanha Bay Yacht Club - 5:58

COA Remark**: Tide: Low

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	3	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-005

Sample N°: 4719004

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.5-Pepper Bay - Southern Seas Fishing Side - 6:03

COA Remark**: Tide: Low

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	5	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-006

Sample N°: 4719005

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.6-Pepper Bay next to sewage overflow -outlet - 6:07

COA Remark**: Tide: Low

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-007

Sample N°: 4719006

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.7-Hoedjiesbaai - 6:24

COA Remark**: Tide: Low

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	390	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	3	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-008

Sample N°: 4719007

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.8-Saldanha Holiday Resort - 6:15

COA Remark**: Tide: Low

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	3	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-009

Sample N°: 4719008

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.9-Bok River at Blue Water Bay - 7:02

COA Remark**: Tide: Low

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	1000	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	200	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-010

Sample N°: 4719009

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.10-Portnet - the side facing Saldanha - 7:20

COA Remark**: Tide: High

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	1400	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	4	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-011

Sample N°: 4719010

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.11-Portnet the side facing Langebaan - 7:31

COA Remark**: Tide: High

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	1	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-012

Sample N°: 4719011

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.12-Paradise Beach - 8:04

COA Remark**: Tide: High

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	400	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	No Growth	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-013

Sample N°: 4719012

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.13-Club Mykonos - 8:24

COA Remark**: Tide: High

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	>1500	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	42	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-014

Sample N°: 4719013

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.14-Strandloper next to outlet from Country Club - 8:34

COA Remark**: Tide: High

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	900	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	No Growth	cfu/100ml	

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SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-015

Sample N°: 4719014

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.15-Langebaan Beach Houses North Street - 8:55

COA Remark**: Tide: High

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	850	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	16	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-016

Sample N°: 4719015

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.16-Pearly's - 9:03

COA Remark**: Tide: High

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	430	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	1	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-017

Sample N°: 4719016

Test Date: 15/02/2023

Category Detail: Water

Sample Condition: SEALED

Date Received: 15/02/2023

Product Description**: Seawater - No.17-Yacht Club - 9:38

COA Remark**: Tide: High

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	No Growth	cfu/100ml	

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**SAMPLE DESCRIPTION**

Lab Sample Ref #: CT 23-006362-018 Sample N°: 4719017 Test Date: 15/02/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 15/02/2023
 Product Description**: Seawater - No.18-Klein Oostewal Beach - 9:18
 COA Remark**: Tide: High

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	320	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	3	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-019 Sample N°: 4719018 Test Date: 15/02/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 15/02/2023
 Product Description**: Seawater - No.19-Kraalbaai North - 7:45

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	70	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	1	cfu/100ml	

SAMPLE DESCRIPTION

Lab Sample Ref #: CT 23-006362-020 Sample N°: 4719019 Test Date: 15/02/2023
 Category Detail: Water Sample Condition: SEALED Date Received: 15/02/2023
 Product Description**: Seawater - No.20-Kraalbaai South - 7:28

ANALYTICAL RESULTS

Tests	Analysis Start Date	Results	Units	Limits [Target value]
<input checked="" type="checkbox"/> Escherichia coli METHOD: SWJM 45	15/02/2023	No Growth	cfu/100ml	
<input checked="" type="checkbox"/> Intestinal Enterococci (Faecal Streptococci) METHOD: SWJM 57	15/02/2023	16	cfu/100ml	

Accredited analysis * Non Accredited analysis NC Non Conformance ** Customer provided data Changed Data

TMA = Total Microbial Activity / Total Viable Plate Count.

No growth = Not detected / less than the lower detection limit of the test method, for the specified sample type / volume of sample tested.

Tests marked with a tick in this report are included in the SANAS Schedule of Accreditation for this laboratory T0050.

Tests marked with a * in this report are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

** Data provided by the customer.

Tests marked with a plane in this report are Subcontracted Tests and are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

The test report relates only to the specific item submitted for testing. It furnishes or implies no guarantee whatsoever, in respect of a similar item that has not been tested.

The test report applies to the sample as received where the laboratory has not been responsible for the sampling stage.

Opinions and interpretations expressed in this report are not included in the SANAS Schedule of Accreditation for this laboratory T0050.

The test report shall not be reproduced except in full without written approval of Swift Silliker (Pty) Ltd t/a Mérieux NutriSciences.

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Results validated on 21/02/2023

By: Tanya Swanson
Technical Signatory