


Nansei Environmental Laboratory Co., Ltd.
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 Phone: (098) 835-8411
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No. EX20-1486
28 August 2020

**Okinawa Institute of Science and
Technology Graduate University**

Address: 1919-1 Tancha, Onna-son,
Kunigami-gun,
Okinawa, 904-0495, Japan

ANALYTICAL RESULTS

Contract No: Sea water Quality Test
 Date Sample Received: 7 August 2020
 Sample: Seawater
 Sample ID: 20-8-168
 Location: Receiving Tank
 Sampled By: Okinawa Institute of Science and Technology Graduate University
 Mr.Kosuke Mori
 Sampled Date: 6 August 2020

ANALYTES	UNIT(S)	RESULT(S)	METHOD
See Next Page	See Next Page	See Next Page	See Next Page

The above test results relate only to the samples tested.

The test report shall not be reproduced except in full, without written approval of the laboratory.

Takuya Niizato
 Environmental Certified
 Public Measurerer

Intake facility receiving tank

EX20-1486

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Sampled Date:6 August 2020

Contract No:Sea Water Quality Test

Location:Receiving Tank

ANALYTES	UNIT	RESULT	METHOD
pH	-	8.1(22.6°C)	JIS K 0102-12.1
COD	mg/L	1.1	JIS K 0102-17
DO	mg/L	7.5	JIS K 0102-32.1
Total Nitrogen	mg/L	0.12	JIS K 0102-45.6
Total Phosphorus	mg/L	0.005	JIS K 0102-46.3.4
Nitrate(NO ₃ ⁻)	mg/L	<0.05	JIS K 0102-43.2.6
Nitrite(NO ₂ ⁻)	mg/L	<0.007	JIS K 0102-43.1.3
Phosphate(PO ₄ ³⁻)	mg/L	<0.007	JIS K 0102-46.1
SS	mg/L	<0.5	JIS K 0102-14.1
Chromaticity	-	1.6	Transmitted Light Measurement Method
Total Coliform	MPN/100mL	23	Most Probable Number Method
Salinity	-	34.26	Salinometer Method


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No. EX20-1487

28 August 2020

**Okinawa Institute of Science and
Technology Graduate University**

Address: 1919-1 Tancha, Onna-son,
Kunigami-gun,
Okinawa, 904-0495, Japan

ANALYTICAL RESULTS

Contract No: Sea water Quality Test
 Date Sample Received: 7 August 2020
 Sample: Seawater
 Sample ID: 20-8-169
 Location: MSS NSW
 Sampled By: Okinawa Institute of Science and Technology Graduate University
 Mr.Kosuke Mori
 Sampled Date: 6 August 2020

ANALYTES	UNIT(S)	RESULT(S)	METHOD
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Takuya Niizato
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 Public Measurerer

Indoor tank area (non-filtered)

Sampled Date:6 August 2020
 Contract No:Sea Water Quality Test
 Location:MSS NSW

ANALYTES	UNIT	RESULT	METHOD
pH	-	8.2(20.8°C)	JIS K 0102-12.1
COD	mg/L	1.3	JIS K 0102-17
DO	mg/L	7.5	JIS K 0102-32.1
Total Nitrogen	mg/L	0.11	JIS K 0102-45.6
Total Phosphorus	mg/L	0.005	JIS K 0102-46.3.4
Nitrate(NO ₃ ⁻)	mg/L	<0.05	JIS K 0102-43.2.6
Nitrite(NO ₂ ⁻)	mg/L	<0.007	JIS K 0102-43.1.3
Phosphate(PO ₄ ³⁻)	mg/L	<0.007	JIS K 0102-46.1
SS	mg/L	<0.5	JIS K 0102-14.1
Chromaticity	-	2.6	Transmitted Light Measurement Method
Total Coliform	MPN/100mL	4	Most Probable Number Method
Salinity	-	34.29	Salinometer Method


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No. EX20-1488
28 August 2020

**Okinawa Institute of Science and
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Address: 1919-1 Tancha, Onna-son,
Kunigami-gun,
Okinawa, 904-0495, Japan

ANALYTICAL RESULTS

Contract No: Sea water Quality Test
 Date Sample Received: 7 August 2020
 Sample: Seawater
 Sample ID: 20-8-170
 Location: MSS FSW
 Sampled By: Okinawa Institute of Science and Technology Graduate University
 Mr.Kosuke Mori
 Sampled Date: 6 August 2020

ANALYTES	UNIT(S)	RESULT(S)	METHOD
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Takuya Niizato
 Environmental Certified
 Public Measurerer

Indoor tank area (filtered)

Sampled Date:6 August 2020
 Contract No:Sea Water Quality Test
 Location:MSS FSW

ANALYTES	UNIT	RESULT	METHOD
pH	-	8.2(22.0°C)	JIS K 0102-12.1
COD	mg/L	1.1	JIS K 0102-17
DO	mg/L	7.1	JIS K 0102-32.1
Total Nitrogen	mg/L	0.09	JIS K 0102-45.6
Total Phosphorus	mg/L	0.004	JIS K 0102-46.3.4
Nitrate(NO ₃ ⁻)	mg/L	<0.05	JIS K 0102-43.2.6
Nitrite(NO ₂ ⁻)	mg/L	<0.007	JIS K 0102-43.1.3
Phosphate(PO ₄ ³⁻)	mg/L	<0.007	JIS K 0102-46.1
SS	mg/L	<0.5	JIS K 0102-14.1
Chromaticity	-	1.7	Transmitted Light Measurement Method
Total Coliform	MPN/100mL	<2	Most Probable Number Method
Salinity	-	34.28	Salinometer Method