

DOH Accredited Testing Laboratory (04A-002-2123-LW-22); DENR (C.R. No. 091/2022) PNRI (RML No. Y04.04132.17) PRC Certificate of Authority to Operate No. 111 PNP (License No. PDD03-230616-04201)

ADDRESS: 8 North Science Avenue, Laguna Technopark Inc., Brgy. Biñan (Poblacion), Biñan City, Laguna

**CONTACT NO.:** (049) 543-1916 WEBSITE: www.lagunawater.com.ph

**CUSTOMER NAME**: Laguna Water Corporation

ADDRESS: G/F, One Evotech Building, Nuvali, Brgy. Sto. Domingo, Sta. Rosa City, Laguna

ATTENTION : N/A

# **SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE(S) : S23-0683 **DATE/TIME SUBMITTED** : 02/09/2023 16:00

**DATE/TIME COLLECTION** :02/09/2023 08:01 **COLLECTED BY**: Edwin O. Aguilar

NO. OF SAMPLES TOTAL PARAMETERS TESTED

SAMPLE LOCATION : SOURCE, SPORTS COMPLEX, SANTA CRUZ, LAGUNA

**SAMPLE** 

: 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

CHARACTERISTICS: 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate							
PARAMETER(S)	UNIT(S)	RESULT(S)	PNSDW	METHOD(S)	ANALYSIS		
	Oitii (5)	1123021(3)	LIMIT(/S)		DATE	BY	
*Residual Chlorine	mg/L	0.41	0.30 – 1.50	4500-Cl-G.DPD Colorimetric	02/09/2023	EOA	
Total Coliform	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/09/2023	NGR	
Thermotolerant Coliform / Escherichia coli	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/09/2023	NGR	
Heterotrophic Plate Count (HPC) <sup>A</sup>	Colony Forming Unit (CFU)/mL	< 1	<500 (cfu/mL)	9215B. Pour Plate Method	02/09/2023	NGR	

REMARKS: Sample collection was performed by LWC accredited samplers and was analyzed as submitted.

NOTE: A - Method is not part of DENR-ELR Recognized Parameters

\*- Performed onsite

**DEVIATIONS:** No deviations noted on sample collection and submission.

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition STANDARD REFERENCE: Standard Limit is based on Philippine National Standards for Drinking Water of 2017

NOT VALID WITHOUT QR CODE

**REVIEWED BY:** 

**CERTIFIED CORRECT BY:** 

NOWEL ELLISON G. RAMOS, RMT Microbiology Unit Manager License No(s). (PRC 0090336)

KRISTEEN Y, ALDAY, RCh Analytical Service Unit Manager License No(s). (PRC 0013295)

Ś GUTIERREZ, RMT Laboratory Services Manager License No(s). (PRC 0060968)



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ATTENTION : N/A

# **SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE(S) : S23-0684 **DATE/TIME SUBMITTED** : 02/09/2023 16:00

**DATE/TIME COLLECTION** :02/09/2023 08:20 **COLLECTED BY**: Edwin O. Aguilar

NO. OF SAMPLES TOTAL PARAMETERS TESTED

SAMPLE LOCATION : OVAL, BUBUKAL COMPLEX, SANTA CRUZ, CITY, LAGUNA

**SAMPLE** 

: 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

CHARACTERISTICS: 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate							
PARAMETER(S)	UNIT(S)	RESULT(S)	PNSDW	METHOD(S)	ANALYSIS		
· AMAINE LEMO	Oitii (5)	1123021(3)	LIMIT(/S)	101211102(3)	DATE	BY	
*Residual Chlorine	mg/L	0.34	0.30 – 1.50	4500-Cl-G.DPD Colorimetric	02/09/2023	EOA	
Total Coliform	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/09/2023	NGR	
Thermotolerant Coliform / Escherichia coli	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/09/2023	NGR	
Heterotrophic Plate Count (HPC) <sup>A</sup>	Colony Forming Unit (CFU)/mL	< 1	<500 (cfu/mL)	9215B. Pour Plate Method	02/09/2023	NGR	

REMARKS: Sample collection was performed by LWC accredited samplers and was analyzed as submitted.

NOTE: A - Method is not part of DENR-ELR Recognized Parameters

\*- Performed onsite

**DEVIATIONS:** No deviations noted on sample collection and submission.

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition STANDARD REFERENCE: Standard Limit is based on Philippine National Standards for Drinking Water of 2017

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**REVIEWED BY:** 

**CERTIFIED CORRECT BY:** 

NOWEL ELLISON G. RAMOS, RMT Microbiology Unit Manager License No(s). (PRC 0090336)

KRISTEEN Y. ALDAY, RCh Analytical Service Unit Manager License No(s). (PRC 0013295)

Laboratory Services Manager License No(s). (PRC 0060968)



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ATTENTION : N/A

## **SUMMARY OF LABORATORY ANALYSIS**

**SAMPLE CODE(S)** : **S23-0773 DATE/TIME SUBMITTED** : 02/14/2023 15:30

DATE/TIME COLLECTION : 02/14/2023 11:30 COLLECTED BY : Edwin O. Aguilar

NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 4

SAMPLE LOCATION : WATER PUMP, CAPITOL COMPOUND, P. GUEVARRA AVENUE, LAGUNA PROVINCIAL CAPITOL,

SANTA CRUZ CITY, LAGUNA

SAMPLE

: 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

CHARACTERISTIC					ANALYSIS	
PARAMETER(S)	UNIT(S)	RESULT(S)	PNSDW LIMIT(/S)	METHOD(S)	DATE	BY
*Residual Chlorine	mg/L	0.75	0.30 – 1.50	4500-Cl-G.DPD Colorimetric	02/14/2023	EOA
Total Coliform	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR
Thermotolerant Coliform / Escherichia coli	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR
Heterotrophic Plate Count (HPC) <sup>A</sup>	Colony Forming Unit (CFU)/mL	<1	<500 (cfu/mL)	9215B. Pour Plate Method	02/14/2023	NGR

REMARKS: Sample collection was performed by LWC accredited samplers and was analyzed as submitted.

**NOTE:** A – Method is not part of DENR-ELR Recognized Parameters

\*- Performed onsite

**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition **STANDARD REFERENCE:** Standard Limit is based on Philippine National Standards for Drinking Water of 2017

NOT VALID WITHOUT QR CODE

**REVIEWED BY:** 

**CERTIFIED CORRECT BY:** 

NOWEL ELLISON G. RAMOS, RMT Microbiology Unit Manager License No(s). (PRC 0090336) KRISTEEN Y. A DAY, RCh Analytical Service Unit Manager License No(s). (PRC 0013295) ANNA KARLAS. GyTIERREZ, RMT Laboratory Services Manager License No(s). (PRC 0060968)



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ATTENTION : N/A

# **SUMMARY OF LABORATORY ANALYSIS**

**SAMPLE CODE(S)** : **S23-0774 DATE/TIME SUBMITTED** : 02/14/2023 15:30

DATE/TIME COLLECTION : 02/14/2023 12:41 COLLECTED BY : Edwin O. Aguilar

NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 4

SAMPLE LOCATION : OLD CAPITOL BUILDING, CAPITOL COMPOUND, P. GUEVERRA AVENUE, LAGUNA PROVINCIAL

CAPITOL, SANTA CRUZ CITY, LAGUNA

SAMPLE : 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

CHARACTERISTICS								
PARAMETER(S)	UNIT(S)	RESULT(S)	PNSDW	METHOD(S)	ANALYSIS			
	Oldii (3)	KESOEI(S)	LIMIT(/S)	WETHOD(3)	DATE	BY		
*Residual Chlorine	mg/L	0.60	0.30 – 1.50	4500-Cl-G.DPD Colorimetric	02/14/2023	EOA		
Total Coliform	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR		
Thermotolerant Coliform / Escherichia coli	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR		
Heterotrophic Plate Count (HPC) <sup>A</sup>	Colony Forming Unit (CFU)/mL	<1	<500 (cfu/mL)	9215B. Pour Plate Method	02/14/2023	NGR		

REMARKS: Sample collection was performed by LWC accredited samplers and was analyzed as submitted.

**NOTE:** A – Method is not part of DENR-ELR Recognized Parameters

\*- Performed onsite

**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition **STANDARD REFERENCE:** Standard Limit is based on Philippine National Standards for Drinking Water of 2017

NOT VALID WITHOUT QR CODE

**REVIEWED BY:** 

**CERTIFIED CORRECT BY:** 

NOWEL ELLISON G. RAMOS, RMT Microbiology Unit Manager License No(s). (PRC 0090336)

KRISTEEN,Y. ALDAY,RCh Analytical Service Unit Manager License No(s). (PRC 0013295) ANNA KARLA S GUTJERREZ, RMT Laboratory Services Manager License No(s). (PRC 0060968)



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ATTENTION : N/A

# **SUMMARY OF LABORATORY ANALYSIS**

DATE/TIME COLLECTION : 02/14/2023 11:40 COLLECTED BY : Edwin O. Aguilar

NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 4

SAMPLE LOCATION : CISTERN TANK, LAGUNA MEDICAL CENTER, SANTA CRUZ CITY, LAGUNA

**SAMPLE** 

CHARACTERISTICS: 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

DADAMETED/C)	LINUT(C)	DECLUT(6)	PNSDW	METHOD(S)	ANALYSIS	
PARAMETER(S)	UNIT(S)	RESULT(S)	LIMIT(/S)		DATE	ВҮ
*Residual Chlorine	mg/L	0.48	0.30 – 1.50	4500-Cl-G.DPD Colorimetric	02/14/2023	EOA
Total Coliform	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR
Thermotolerant Coliform / Escherichia coli	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR
Heterotrophic Plate Count (HPC) <sup>A</sup>	Colony Forming Unit (CFU)/mL	< 1	<500 (cfu/mL)	9215B. Pour Plate Method	02/14/2023	NGR

REMARKS: Sample collection was performed by LWC accredited samplers and was analyzed as submitted.

NOTE: A - Method is not part of DENR-ELR Recognized Parameters

\*- Performed onsite

**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition **STANDARD REFERENCE:** Standard Limit is based on Philippine National Standards for Drinking Water of 2017

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**REVIEWED BY:** 

**CERTIFIED CORRECT BY:** 

NOWEL ELLISON G. RAMOS, RMT Microbiology Unit Manager License No(s). (PRC 0090336) KRISTEEN Y. ALDAY,RCh Analytical Service Unit Manager License No(s). (PRC 0013295) ANNA KARLA'S GUTTERREZ, RMT Laboratory Services Manager License No(s). (PRC 0060968)



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ATTENTION : N/A

# **SUMMARY OF LABORATORY ANALYSIS**

SAMPLE CODE(S) : S23-0776 **DATE/TIME SUBMITTED** : 02/14/2023 15:30

DATE/TIME COLLECTION : 02/14/2023 12:12 **COLLECTED BY**: Edwin O. Aguilar

NO. OF SAMPLES TOTAL PARAMETERS TESTED : 4

SAMPLE LOCATION : KITCHEN, PROVINCIAL HEALTH OFFICE, SANTA CRUZ CITY, LAGUNA

**SAMPLE** 

: 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

CHARACTERISTICS: 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate							
PARAMETER(S)	UNIT(S)	RESULT(S)	PNSDW	METHOD(S)	ANALYSIS		
	Ottif(5)	KESOEI (S)	LIMIT(/S)		DATE	BY	
*Residual Chlorine	mg/L	0.40	0.30 – 1.50	4500-Cl-G.DPD Colorimetric	02/14/2023	EOA	
Total Coliform	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR	
Thermotolerant Coliform / Escherichia coli	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR	
Heterotrophic Plate Count (HPC) <sup>A</sup>	Colony Forming Unit (CFU)/mL	< 1	<500 (cfu/mL)	9215B. Pour Plate Method	02/14/2023	NGR	

REMARKS: Sample collection was performed by LWC accredited samplers and was analyzed as submitted.

NOTE: A - Method is not part of DENR-ELR Recognized Parameters

\*- Performed onsite

**DEVIATIONS:** No deviations noted on sample collection and submission.

METHOD REFERENCE: Standard Methods for the Examination of Water and Wastewater, 23rd Edition STANDARD REFERENCE: Standard Limit is based on Philippine National Standards for Drinking Water of 2017

**NOT VALID WITHOUT QR CODE** 

**REVIEWED BY:** 

**CERTIFIED CORRECT BY:** 

NOWEL ELLISON G. RAMOS, RMT Microbiology Unit Manager License No(s). (PRC 0090336)

Analytical Sérvice Unit Manager License No(s). (PRC 0013295)

🕽 🖒 GÚTIÉRREZ, RMT Laboratory Services Manager License No(s). (PRC 0060968)



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**CUSTOMER NAME**: Laguna Water Corporation

ADDRESS: G/F, One Evotech Building, Nuvali, Brgy. Sto. Domingo, Sta. Rosa City, Laguna

ATTENTION : N/A

## **SUMMARY OF LABORATORY ANALYSIS**

**SAMPLE CODE(S)** : **S23-0777 DATE/TIME SUBMITTED** : 02/14/2023 15:30

DATE/TIME COLLECTION : 02/14/2023 12:28 COLLECTED BY : Edwin O. Aguilar

NO. OF SAMPLES : 1 TOTAL PARAMETERS TESTED : 4

SAMPLE LOCATION : HAND HYGIENE, PROVINCIAL HEALTH OFFICE, SANTA CRUZ CITY, LAGUNA

SAMPLE

CHARACTERISTICS: 100 mL water sample in clear, polystyrene, sterile container with 3% sodium thiosulfate

PARAMETER(S)	UNIT(S)	RESULT(S)	PNSDW LIMIT(/S)	METHOD(S)	ANALYSIS	
					DATE	BY
*Residual Chlorine	mg/L	0.37	0.30 – 1.50	4500-Cl-G.DPD Colorimetric	02/14/2023	EOA
Total Coliform	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR
Thermotolerant Coliform / Escherichia coli	Coliforms/100 mL	ABSENCE	ABSENCE	9223B. Enzyme Substrate Test (Colilert-18®)	02/14/2023	NGR
Heterotrophic Plate Count (HPC) <sup>A</sup>	Colony Forming Unit (CFU)/mL	< 1	<500 (cfu/mL)	9215B. Pour Plate Method	02/14/2023	NGR

REMARKS: Sample collection was performed by LWC accredited samplers and was analyzed as submitted.

**NOTE:** A – Method is not part of DENR-ELR Recognized Parameters

\*- Performed onsite

**DEVIATIONS:** No deviations noted on sample collection and submission.

**METHOD REFERENCE:** Standard Methods for the Examination of Water and Wastewater, 23<sup>rd</sup> Edition **STANDARD REFERENCE:** Standard Limit is based on Philippine National Standards for Drinking Water of 2017

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**REVIEWED BY:** 

**CERTIFIED CORRECT BY:** 

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