



GLOBAL CLEAN WATER LABORATORY CENTER INC.  
AQUA LAB CENTER

A DOH ACCREDITED WATER TESTING LABORATORY  
AN AUTHORITY IN WATER TESTING

"Be Via Beyond Water Testing"

Quezon City Office: Unit 5 and 10 DEN Bldg. Del Monte Avenue corner Mayon Street Barangay Malabon, Quezon City, 1114  
Telephone Nos.: (02) 4742-4743 / (02) 8742-4745 / (02) 8711-0617  
Telefax: (02) 8741-1170 Hotline No.: (02) 8354-0059  
Mobile Nos.: 0943-7014741 / 0942-1374004 / 0906-6431652  
email address: alemayon@yahoo.com



Established Since 1998

Pampanga Office: #477 Mc Arthur Highway Bonangay San Jose, City of San Fernando Pampanga, 2000  
Telephone No. (045) 626-2432 Mobile Nos. 0933-4673480 / 0905-2811914

**REPORT OF ANALYSIS**  
**MICROBIOLOGICAL SECTION**

Water Laboratory Accreditation No. 13-012-1921-LW-2

BUSINESS NAME : **MAPUA UNIVERSITY** DATE : September 02, 2021  
BUSINESS ADDRESS : Muralla St., Intramuros, Manila REFERENCE NO : MYN 279002 ML  
CONTACT NO : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228

**SAMPLE DESCRIPTION :**

SAMPLE SUBMITTED BY : Ms. Anjennete G. Villanueva  
DATE OF SAMPLING : August 24, 2021  
DATE RECEIVED : August 24, 2021  
TIME OF SAMPLING : 1:20 PM  
PLACE OF SAMPLING : Manila  
SOURCE OF SAMPLE : MWSS - PURIFIED (FAUCET)(WATER)

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count CFU/mL	Pour Plate Method	—	200	< 500

\*MPN - Most Probable Number

CFU - Colony Forming Units

**REMARKS :**

The results showed that the water sample submitted **PASSED** the DOH Standards for drinking water with respect to coliform bacteria and heterotrophic bacteria.

**REFERENCES :**

Philippine National Standards for Drinking Water, 2017, Department of Health,  
American Public Health Association (APHA), American Water Works Association and Water  
Environment Federation, 2005, Standard Methods for the Examination of Drinking Water  
and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

Aqua Lab Seal

Must contain initial on ink

**LEMUEL JONATHAN TORRES, RMT**  
PRC LICENSE # 0095356

**KELVIN DY CO YU KANG, RCh**  
PRC LICENSE # 0009340  
Head-Laboratory Department

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email address: alcmayon@yahoo.com  
Pampanga Office: #477 Mc Arthur Highway Barangay San Jose, City of San Fernando Pampanga, 2000  
Telephone No. (045) 624-2432 Mobile Nos. 0933-8673880 / 0905-2811914



## REPORT OF ANALYSIS MICROBIOLOGICAL SECTION

Water Laboratory Accreditation No. 13-001-2224-LW-2

BUSINESS NAME : **MAPUA UNIVERSITY** DATE OF RELEASE : October 02, 2021  
BUSINESS ADDRESS : Muralla St., Intramuros, Manila REQUEST FOR WATER TEST NO. : MYN 001710 ML  
CONTACT NO : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

### SAMPLE DESCRIPTION :

SAMPLE SUBMITTED BY : Anjennete G. Villanueva NRL CERTIFICATE NO. : N.I.  
SAMPLE DETAILS :  
DATE COLLECTED : September 27, 2021 MAIN SAMPLE SOURCE : MWSS  
TIME COLLECTED : 10:13 AM SAMPLING LOCATION : Dispensing Spout  
DATE AND TIME RECEIVED : September 27, 2021 - 7:23 PM TYPE OF TREATMENT : Purification  
SAMPLING ADDRESS : Muralla St., Intramuros, Manila

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count °CFU/mL	Pour Plate Method	—	< 1	< 500

\*MPN- Most Probable Number °CFU- Colony Forming Units

NOTE: PRODUCT WATER AS PER CLIENTS CLAIM

### REMARKS :

The results showed that the water sample submitted **PASSED** the DOH Standards for water with respect to coliform and heterotrophic bacteria.

### REFERENCES :

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

**LEMUEL JONATHAN TORRES, RMT**  
PRC LICENSE # 0095356

Noted By:

**KELVIN DY CO YU KANG, RCh**  
PRC LICENSE # 0009340  
Head-Laboratory Department

Aqua Lab Seal  
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## REPORT OF ANALYSIS MICROBIOLOGICAL SECTION

Water Laboratory Accreditation No. 13-001-2224-LW-2

**BUSINESS NAME** : **MAPUA UNIVERSITY** **DATE OF RELEASE** : November 06, 2021  
**BUSINESS ADDRESS** : Muralla St., Intramuros, Manila **REQUEST FOR WATER TEST NO.** : MYN 001715 ML  
**CONTACT NO** : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

### SAMPLE DESCRIPTION :

**SAMPLE SUBMITTED BY** : Anjennete G. Villanueva **NRL CERTIFICATE NO.** : N.I.  
**SAMPLE DETAILS**  
**DATE COLLECTED** : October 25, 2021 **MAIN SAMPLE SOURCE** : MWSS  
**TIME COLLECTED** : 10:23 AM **SAMPLING LOCATION** : Dispensing Spout  
**DATE AND TIME RECEIVED** : October 25, 201 - 7:46 PM **TYPE OF TREATMENT** : Purification  
**SAMPLING ADDRESS** : Muralla St., Intramuros, Manila

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count <sup>o</sup> CFU/mL	Pour Plate Method	—	< 1	< 500

\*MPN- Most Probable Number <sup>o</sup>CFU- Colony Forming Units

**NOTE: PRODUCT WATER AS PER CLIENTS CLAIM**

### REMARKS :

The results showed that the water sample submitted **PASSED** the DOH Standards for water with respect to coliform and heterotrophic bacteria.

### REFERENCES :

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

**LEMUEL JONATHAN TORRES, RMT**  
PRC LICENSE # 0095356

**KELVIN DY CO YU KANG, RCh**  
PRC LICENSE # 0009340  
Head-Laboratory Department

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## REPORT OF ANALYSIS MICROBIOLOGICAL SECTION

Water Laboratory Accreditation No. 13-001-2224-LW-2

BUSINESS NAME : **MAPUA UNIVERSITY** DATE OF RELEASE : December 03, 2021  
BUSINESS ADDRESS : Muralia St., Intramuros, Manila REQUEST FOR WATER TEST NO. : MYN 001718 ML  
CONTACT NO : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

### SAMPLE DESCRIPTION :

SAMPLE SUBMITTED BY : Anjennete G. Villanueva NRL CERTIFICATE NO. : N.I.  
SAMPLE DETAILS MAIN SAMPLE SOURCE : MWSS  
DATE COLLECTED : November 24, 2021 SAMPLING LOCATION : Dispensing Spout  
TIME COLLECTED : 9:51 AM TYPE OF TREATMENT : Purification  
DATE AND TIME RECEIVED : November 24, 2021 - 7:16 PM  
SAMPLING ADDRESS : Muralia St., Intramuros, Manila

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count °CFU/mL	Pour Plate Method	—	< 1	< 500

\*MPN- Most Probable Number °CFU- Colony Forming Units

NOTE: PRODUCT WATER AS PER CLIENTS CLAIM  
REMARKS :

The results showed that the water sample submitted PASSED the DOH Standards for water with respect to coliform and heterotrophic bacteria.

### REFERENCES :

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

LEMUEL JONATHAN TORRES, RMT  
PRC LICENSE # 0095356

KELVIN DY CO YU KANG, RCh  
PRC LICENSE # 0009340  
Head-Laboratory Department

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Telephone No. (045) 624-2432 Mobile Nos. 0933-8673880 / 0905-2811914



## REPORT OF ANALYSIS MICROBIOLOGICAL SECTION

Water Laboratory Accreditation No. 13-001-2224-LW-2

BUSINESS NAME : **MAPUA UNIVERSITY**

DATE OF RELEASE : January 04, 2022

BUSINESS ADDRESS : Muralla St., Intramuros, Manila

REQUEST FOR WATER TEST NO. : MYN 001721 ML

CONTACT NO : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

### SAMPLE DESCRIPTION :

SAMPLE SUBMITTED BY : Anjennete G. Villanueva

NRL CERTIFICATE NO. : N.I.

#### SAMPLE DETAILS

DATE COLLECTED : December 22, 2021

MAIN SAMPLE SOURCE : MWSS

TIME COLLECTED : 10:22 AM

SAMPLING LOCATION : Dispensing Spout

DATE AND TIME RECEIVED : December 22, 2021 - 3:36 PM

TYPE OF TREATMENT : Purification

SAMPLING ADDRESS : Muralla St., Intramuros, Manila

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count <sup>o</sup> CFU/mL	Pour Plate Method	—	< 1	< 500

\*MPN- Most Probable Number <sup>o</sup>CFU- Colony Forming Units

NOTE: PRODUCT WATER AS PER CLIENTS CLAIM

#### REMARKS :

The results showed that the water sample submitted **PASSED** the DOH Standards for water with respect to coliform and heterotrophic bacteria.

#### REFERENCES :

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

**LEMUEL JONATHAN TORRES, RMT**  
PRC LICENSE # 0095356

**KELVIN DY CO YU KANG, RCh**  
PRC LICENSE # 0009340  
Head-Laboratory Department

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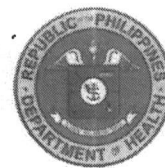
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## REPORT OF ANALYSIS MICROBIOLOGICAL SECTION

Water Laboratory Accreditation No. 13-012-1921-LW-2

BUSINESS NAME : **MAPUA UNIVERSITY** DATE : January 21, 2022  
BUSINESS ADDRESS : Muralla St., Intramuros, Manila REFERENCE NO : MYN 0000203 ML  
CONTACT NO : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

### SAMPLE DESCRIPTION :

SAMPLE SUBMITTED BY : Anjennete G. Villanueva  
DATE OF SAMPLING : January 13, 2022  
DATE RECEIVED : January 13, 2022  
TIME OF SAMPLING : 9:50 AM  
PLACE OF SAMPLING : Manila  
SOURCE OF SAMPLE : MWSS - PURIFIED (WATER)

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count **CFU/mL	Pour Plate Method	—	400	< 500

\*MPN- Most Probable Number      \*\*CFU- Colony Forming Units

NOTE: PRODUCT WATER AS PER CLIENTS CLAIM

### REMARKS :

The results showed that the water sample submitted **PASSED** the DOH Standards for drinking water with respect to coliform bacteria and heterotrophic bacteria.

### REFERENCES :

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

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**LEMUEL JONATHAN TORRES, RMT**  
PRC LICENSE # 0095356

**KELVIN DY CO YU KANG, RCh**  
PRC LICENSE # 0009340  
Head-Laboratory Department

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Pampanga Office: #477 Mc Arthur Highway Barangay San Jose, City of San Fernando Pampanga, 2000  
Telephone No. (045) 624-2432 Mobile Nos. 0933-8673880 / 0905-2811914



### REPORT OF ANALYSIS MICROBIOLOGICAL SECTION

Water Laboratory Accreditation No. 13-001-2224-LW-2

BUSINESS NAME : **MAPUA UNIVERSITY** DATE : March 04, 2022  
BUSINESS ADDRESS : Muralla St., Intramuros, Manila REFERENCE NO : MYN 000271 ML  
CONTACT NO : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

#### SAMPLE DESCRIPTION :

SAMPLE SUBMITTED BY : Anjennete G. Villanueva  
DATE OF SAMPLING : February 24, 2022  
DATE RECEIVED : February 24, 2022  
TIME OF SAMPLING : 1:00 PM  
PLACE OF SAMPLING : Manila  
SOURCE OF SAMPLE : MWSS - PURIFIED (WATER)

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count *CFU/mL	Pour Plate Method	—	280	< 500

\*MPN- Most Probable Number \*CFU- Colony Forming Units

NOTE: PRODUCT WATER AS PER CLIENTS CLAIM

#### REMARKS :

The results showed that the water sample submitted **PASSED** the DOH Standards for drinking water with respect to coliform bacteria and heterotrophic bacteria.

#### REFERENCES :

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

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PRC LICENSE # 0095356

KELVIN DY CO YU KANG, RCh  
PRC LICENSE # 0009340  
Head-Laboratory Department

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**REPORT OF ANALYSIS**  
**MICROBIOLOGICAL SECTION**

Water Laboratory Accreditation No. 13-001-2224-LW-2

**BUSINESS NAME** : **MAPUA UNIVERSITY** **DATE** : April 05, 2022  
**BUSINESS ADDRESS** : Muralla St., Intramuros, Manila **REFERENCE NO** : MYN 000932 ML  
**CONTACT NO** : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

**SAMPLE DESCRIPTION :**

**SAMPLE SUBMITTED BY** : Anjennete G. Villanueva  
**DATE OF SAMPLING** : March 28, 2022  
**DATE RECEIVED** : March 28, 2022  
**TIME OF SAMPLING** : 11:30 AM  
**PLACE OF SAMPLING** : Manila  
**SOURCE OF SAMPLE** : MWSS – Finished Product (PURIFIED)(WATER)

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count *CFU/mL	Pour Plate Method	—	< 1	< 500

\*MPN- Most Probable Number \*CFU- Colony Forming Units

**NOTE: PRODUCT WATER AS PER CLIENTS CLAIM**

**REMARKS :**

The results showed that the water sample submitted **PASSED** the DOH Standards for drinking water with respect to coliform bacteria and heterotrophic bacteria.

**REFERENCES :**

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

*J Villanueva*  
**JESSAH C. VILLANUEVA, RMT**  
PRC LICENSE # 0066879

Noted By:

*Kelvin Dy Co Yu Kang*  
**KELVIN DY CO YU KANG, RCh**  
PRC LICENSE # 0009340  
Head-Laboratory Department

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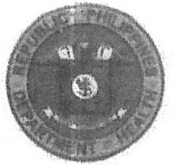
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**REPORT OF ANALYSIS**  
**MICROBIOLOGICAL SECTION**

Water Laboratory Accreditation No. 13-001-2224-LW-2

**BUSINESS NAME** : **MAPUA UNIVERSITY** **DATE** : May 04, 2022  
**BUSINESS ADDRESS** : Muralla St., Intramuros, Manila **REFERENCE NO** : MYN 000986 ML  
**CONTACT NO** : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

**SAMPLE DESCRIPTION :**

**SAMPLE SUBMITTED BY** : Anjennete G. Villanueva  
**DATE OF SAMPLING** : April 26, 2022  
**DATE RECEIVED** : April 26, 2022  
**TIME OF SAMPLING** : 1:45 PM  
**PLACE OF SAMPLING** : Manila  
**SOURCE OF SAMPLE** : MWSS - Finished Product (PURIFIED)(WATER)

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count *CFU/mL	Pour Plate Method	—	< 1	< 500

\*MPN- Most Probable Number \*CFU- Colony Forming Units

**NOTE: PRODUCT WATER AS PER CLIENTS CLAIM**

**REMARKS :**

The results showed that the water sample submitted **PASSED** the DOH Standards for drinking water with respect to coliform bacteria and heterotrophic bacteria.

**REFERENCES :**

Philippine National Standards for Drinking Water. 2017. Department of Health.  
 American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

Aqua Lab Seal  
 Must contain initial on ink

**LEMUEL JONATHAN TORRES, RMT**  
 PRC LICENSE # 0095356

**KELVIN DY CO YU KANG, RCh**  
 PRC LICENSE # 0009340  
 Head-Laboratory Department

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# GLOBAL ELIXIR WATER LABORATORY CENTER INC.

## AQUA LAB CENTER

A DOH ACCREDITED WATER TESTING LABORATORY  
AN AUTHORITY IN WATER TESTING

*"We Go Beyond Water Testing"*

Quezon City Office: Unit 5 and 10 DDI Bldg. Del Monte Avenue corner Mayon Street Barangay Maharlika, Quezon City, 1114  
Telephone Nos.: (02) 8742-4743 / (02) 8742-4745 / (02) 8711-0917  
Telefax: (02) 8741-1170 Hotline No.: (02) 8354-0059  
Mobile Nos.: 0943-1374004 / 0906-4431652  
email address: alcmayon@yahoo.com  
Pampanga Office: #477 Mc Arthur Highway Barangay San Jose, City of San Fernando Pampanga, 2000  
Telephone No. (045) 624-2432 Mobile Nos. 0933-8673880 / 0905-2811914



### REPORT OF ANALYSIS MICROBIOLOGICAL SECTION

Water Laboratory Accreditation No. 13-001-2224-LW-2

**BUSINESS NAME** : **MAPUA UNIVERSITY** **DATE OF RELEASE** : June 02, 2022  
**BUSINESS ADDRESS** : Muralla St., Intramuros, Manila **REQUEST FOR WATER TEST NO.** : MYN 001884 ML  
**CONTACT NO** : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

#### SAMPLE DESCRIPTION :

**SAMPLE SUBMITTED BY** : Anjennete G. Villanueva **NRL CERTIFICATE NO.** : N.I.  
**SAMPLE DETAILS**  
**DATE COLLECTED** : May 25, 2022 **MAIN SAMPLE SOURCE** : MWSS  
**TIME COLLECTED** : 9:33 AM **SAMPLING LOCATION** : Dispensing Spout  
**DATE AND TIME RECEIVED** : May 25, 2022 - 7:13 PM. **TYPE OF TREATMENT** : Purification  
**SAMPLING ADDRESS** : Muralla St., Intramuros, Manila

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count CFU/mL	Pour Plate Method	—	< 1	< 500

\*MPN- Most Probable Number      CFU- Colony Forming Units

**NOTE: PRODUCT WATER AS PER CLIENTS CLAIM**  
**REMARKS :**

The results showed that the water sample submitted **PASSED** the DOH Standards for water with respect to coliform and heterotrophic bacteria.

#### REFERENCES :

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

**LEMUEL JONATHAN TORRES, RMT**  
PRC LICENSE # 0095356

**KELVIN DY CO YU KANG, RCh**  
PRC LICENSE # 0009340  
Head-Laboratory Department

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## REPORT OF ANALYSIS MICROBIOLOGICAL SECTION

Water Laboratory Accreditation No. 13-001-2224-LW-2

BUSINESS NAME : **MAPUA UNIVERSITY** DATE OF RELEASE : July 05, 2022  
BUSINESS ADDRESS : Muralla St., Intramuros, Manila REQUEST FOR WATER TEST NO. : MYN 001704 ML  
CONTACT NO : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

### SAMPLE DESCRIPTION :

SAMPLE SUBMITTED BY : Anjennete G. Villanueva NRL CERTIFICATE NO. : N.I.  
SAMPLE DETAILS :  
DATE COLLECTED : June 27, 2022 MAIN SAMPLE SOURCE : MWSS  
TIME COLLECTED : 9:48 AM SAMPLING LOCATION : Dispensing Spout  
DATE AND TIME RECEIVED : June 27, 2022 - 3:17 PM TYPE OF TREATMENT : Purification  
SAMPLING ADDRESS : Muralla St., Intramuros, Manila

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count <sup>o</sup> CFU/mL	Pour Plate Method	—	< 1	< 500

\*MPN- Most Probable Number <sup>o</sup>CFU- Colony Forming Units

NOTE: PRODUCT WATER AS PER CLIENTS CLAIM

### REMARKS :

The results showed that the water sample submitted **PASSED** the DOH Standards for water with respect to coliform and heterotrophic bacteria.

### REFERENCES :

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

**LEMUEL JONATHAN TORRES, RMT**  
PRC LICENSE # 0095356

**KELVIN DY CO YU KANG, RCh**  
PRC LICENSE # 0009340  
Head-Laboratory Department

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## REPORT OF ANALYSIS MICROBIOLOGICAL SECTION

Water Laboratory Accreditation No. 13-001-2224-LW-2

BUSINESS NAME : **MAPUA UNIVERSITY**

DATE OF RELEASE : August 03, 2022

REQUEST FOR WATER TEST NO. : MYN 001707 ML

BUSINESS ADDRESS : Muralla St., Intramuros, Manila

CONTACT NO : (02) 8247-5000 loc. 2103/0998-361-4953/0925-510-2371/0916-614-5228/0915-118-9924

### SAMPLE DESCRIPTION :

SAMPLE SUBMITTED BY : Anjennete G. Villanueva

NRL CERTIFICATE NO. : N.I.

#### SAMPLE DETAILS

DATE COLLECTED : July 28, 2022

MAIN SAMPLE SOURCE : MWSS

TIME COLLECTED : 9:52 AM

SAMPLING LOCATION : Dispensing Spout

DATE AND TIME RECEIVED : July 28, 2022 - 7:16 PM

TYPE OF TREATMENT : Purification

SAMPLING ADDRESS : Muralla St., Intramuros, Manila

Test Performed	Methodology	No. of Positive Tubes (out of 5 tubes)	Results	Standards
Total Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Thermotolerant (Fecal) Coliform *MPN/100ml	Multiple Tube Fermentation	0	< 1.1	< 1.1
Heterotrophic Plate Count °CFU/mL	Pour Plate Method	—	< 1	< 500

\*MPN- Most Probable Number °CFU- Colony Forming Units

NOTE: PRODUCT WATER AS PER CLIENTS CLAIM

#### REMARKS :

The results showed that the water sample submitted **PASSED** the DOH Standards for water with respect to coliform and heterotrophic bacteria.

#### REFERENCES :

Philippine National Standards for Drinking Water. 2017. Department of Health.  
American Public Health Association (APHA), American Water Works Association and Water Environment Federation. 2005. Standard Methods for the Examination of Drinking Water and Wastewater, 23<sup>rd</sup> ed. APHA, Washington DC.

Certified Correct By:

Noted By:

**LEMUEL JONATHAN TORRES, RMT**  
PRC LICENSE # 0095356

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