

ANALYSIS REPORT

CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 989 DEBARATANA ROAD BANG NA NUEA BANG NA BANGKOK 10260
CONTACT INFORMATION : TEL : 08 1822 3691 e-mail : nirut.noodsombat@ap.jil.com
SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 25, 2024
SAMPLING TIME : 09:20 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : DECEMBER 25, 2024
ANALYTICAL DATE : DECEMBER 25, 2024 - JANUARY 6, 2025
ISSUE DATE : JANUARY 13, 2025
REPORT NO. : 2025-U002660
WORK NO. : 2024-012334
ANALYSIS NO. : T24BE328-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดที่น้ำไหลเข้ามาเดิม ในระบบ ชั้น 5 T24BE328-0001		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

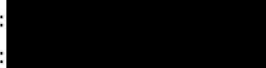
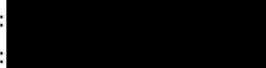
* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

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[REDACTED]
LABORATORY SUPERVISOR



ANALYSIS REPORT

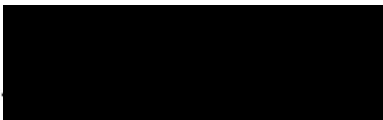
CUSTOMER NAME : AIA COMPANY LIMITED
ADDRESS : 989 DEBARATANA ROAD BANG NA NUEA BANG NA BANGKOK 10260
CONTACT INFORMATION : TEL : 08 1822 3691 e-mail : nirut.noodsombat@ap.jil.com
SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 13:40 HOUR
SAMPLING METHOD : GRAB AND STERILE TECHNIQUE
SAMPLING BY : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-9, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121704
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			จุดที่น้ำไหลเข้ามาเดิม ในระบบ ชั้น 5 T24BC453-0004	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.3 (29.8°C)	-
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.1
MICROBIOLOGY				
TOTAL BACTERIA	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	9.8x10 ⁴	1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			WHITE/CLEAR WHITE	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.


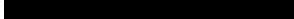
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LABORATORY SUPERVISOR



ANALYSIS REPORT

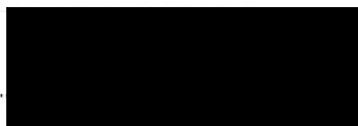
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ADDRESS : 989 DEBARATANA ROAD BANG NA NUEA BANG NA BANGKOK 10260
CONTACT INFORMATION : TEL : 08 1822 3691 e-mail : nirut.noodsombat@ap.jll.com
SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-18, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121712
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ในอ่างรองรับน้ำ ชั้น 5 T24BC453-0005		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			WHITE		

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.



REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.



LABORATORY SUPERVISOR



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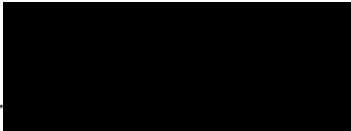
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SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD : GRAB AND STERILE TECHNIQUE
SAMPLING BY : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-9, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121705
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ในอ่างรองรับน้ำ ชั้น 5 T24BC453-0005	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	9.1 (27.8°C)	-
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.1
MICROBIOLOGY				
TOTAL BACTERIA	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	9.5x10 ³	1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR WHITE	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

ND : NOT DETECTED.


LABORATORY SUPERVISOR



ANALYSIS REPORT

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CONTACT INFORMATION : TEL : 08 1822 3691 e-mail : nirut.noodsombat@ap.jll.com
SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-18, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121713
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ห่อน้ำทิ้งจากหอ ผึ่งเย็น ชั้น 5 T24BC453-0006		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			WHITE		

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

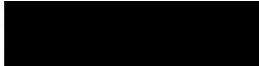
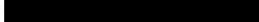
REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

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LABORATORY SUPERVISOR



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CONTACT INFORMATION : TEL : 08 1822 3691 e-mail : nirut.noodsombat@ap.jll.com
SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD : GRAB AND STERILE TECHNIQUE
SAMPLING BY : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-9, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121706
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0006

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			หอน้ำทิ้งจากหอสังเียน ชั้น 5 T24BC453-0006	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	9.2 (27.0°C)	-
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.1
MICROBIOLOGY				
TOTAL BACTERIA	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	1.3x10 ⁴	1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR WHITE	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

ND : NOT DETECTED.

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LABORATORY SUPERVISOR



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CONTACT INFORMATION : TEL : 08 1822 3691 e-mail : nirut.noodsombat@ap.jll.com
SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 25, 2024
SAMPLING TIME : 09:10 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * :
ANALYZED BY :
RECEIVED DATE : DECEMBER 25, 2024
ANALYTICAL DATE : DECEMBER 25, 2024 - JANUARY 7, 2025
ISSUE DATE : JANUARY 13, 2025
REPORT NO. : 2025-U002661
WORK NO. : 2024-012334
ANALYSIS NO. : T24BE328-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดที่น้ำไหลเข้ามาเดิมในระบบ ชั้นดาดฟ้า T24BE328-0002		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

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[REDACTED]
LABORATORY SUPERVISOR



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CONTACT INFORMATION : TEL : 08 1822 3691 e-mail : nirut.noodsombat@ap.jll.com
SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 14:05 HOUR
SAMPLING METHOD : GRAB AND STERILE TECHNIQUE
SAMPLING BY :
ANALYZED BY :
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-9, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121701
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			จุดที่น้ำไหลเข้ามาเดิม ในระบบ คัดฟ้า T24BC453-0001	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	9.1 (34.6°C)	-
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.1
MICROBIOLOGY				
TOTAL BACTERIA	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	4.6x10 ⁵	1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/TURBID WHITE	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.


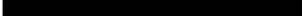
REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

ND : NOT DETECTED.

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CONTACT INFORMATION : TEL : 08 1822 3691 e-mail : nirut.noodsombat@ap.jll.com
SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-18, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121709
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ในอ่างรองรับน้ำ ตลาดฟ้า T24BC453-0002		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			WHITE		

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

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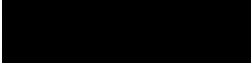

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.



LABORATORY SUPERVISOR



ANALYSIS REPORT

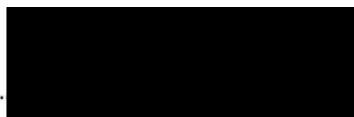
CUSTOMER NAME : AIA COMPANY LIMITED
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CONTACT INFORMATION : TEL : 08 1822 3691 e-mail : nirut.noodsombat@ap.jil.com
SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 14:10 HOUR
SAMPLING METHOD : GRAB AND STERILE TECHNIQUE
SAMPLING BY : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-9, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121702
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ในอ่างรองรับน้ำ คัดฟ้า T24BC453-0002	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	9.0 (23.5°C)	-
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.1
MICROBIOLOGY				
TOTAL BACTERIA	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	2.5x10 ⁴	1
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/CLEAR	
SEDIMENT			WHITE	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.


ND : NOT DETECTED.



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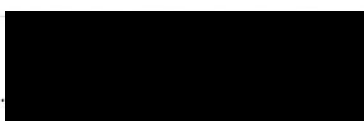
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SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : 
ANALYZED BY :
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-18, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121710
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			หอน้ำทิ้งจากหอ ฟุ้งเป็น คัดฟ้า T24BC453-0003		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			WHITE		

THE LABORATORY HAS BEEN ACCEPTED AS AN ACCREDITED LABORATORY COMPLYING WITH THE ISO/IEC 17025.

* : TEST METHOD ARE NOT COVERED COMPLYING WITH THE ISO/IEC 17025, VERIFIED BY OWN LABORATORY QUALITY SYSTEM.


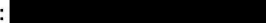
REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.



LABORATORY SUPERVISOR



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SAMPLING SOURCE : AIA EAST GATEWAY BANGNA-TRAD
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : DECEMBER 3, 2024
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD : GRAB AND STERILE TECHNIQUE
SAMPLING BY : 
ANALYZED BY : 
RECEIVED DATE : DECEMBER 3, 2024
ANALYTICAL DATE : DECEMBER 3-9, 2024
ISSUE DATE : DECEMBER 25, 2024
REPORT NO. : 2024-U121703
WORK NO. : 2022-009091
ANALYSIS NO. : T24BC453-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ท่อน้ำทิ้งจากหอผึ่งเย็น คาดฟ้า T24BC453-0003	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	9.1 (27.5°C)	-
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	ND	0.1
MICROBIOLOGY				
TOTAL BACTERIA	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	5.3x10 ⁴	1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			YELLOW/CLEAR WHITE	

SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 2001.

ND : NOT DETECTED.

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LABORATORY SUPERVISOR

