

ภาคผนวก ค

ใบรายงานผลการตรวจวัดคุณภาพสิ่งแวดล้อม

ANALYSIS REPORT

CUSTOMER NAME : LH MALL & HOTEL COMPANY LIMITED
ADDRESS : 356 RAMA III ROAD BANG KHLO BANG KHO LAEM BANGKOK 10120
CONTACT INFORMATION : TEL : 0 2343 8899 e-mail : wiwat.r@terminal21.co.th
SAMPLING SOURCE : TERMINAL 21 RAMA 3
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : JANUARY 22, 2026
SAMPLING TIME : 14:05 HOUR
SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR SUKSAN BOONLEANG
ANALYZED BY : MR RATCHATA THONGPIYAPOOM

RECEIVED DATE : JANUARY 22, 2026
ANALYTICAL DATE : JANUARY 22-26, 2026
ISSUE DATE : FEBRUARY 6, 2026
REPORT NO. : 2026-U008770
WORK NO. : 2025-010698
ANALYSIS NO. : T26AB296-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			จุดที่น้ำไหลเข้ามา เดิมในระบบ T26AB296-0001	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.9 (29.4°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			COLOURLESS/CLEAR -	

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

ND : NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



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SAMPLING TIME : 14:05 HOUR
SAMPLING METHOD * : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY * : MR SUKSAN BOONLEANG
ANALYZED BY : MISS SUJIRA PRASERTSUKHO
RECEIVED DATE : JANUARY 22, 2026
ANALYTICAL DATE : JANUARY 22 - FEBRUARY 3, 2026
ISSUE DATE : FEBRUARY 6, 2026
REPORT NO. : 2026-U008772
WORK NO. : 2025-010698
ANALYSIS NO. : T26AB296-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดที่น้ำไหลเข้ามาเดิมในระบบ T26AB296-0001		
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 8, 2001.



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SAMPLING BY : MR SUKSAN BOONLEANG
ANALYZED BY : MR RATCHATA THONGPIYAPOOM

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ISSUE DATE : FEBRUARY 6, 2026
REPORT NO. : 2026-U008774
WORK NO. : 2025-010698
ANALYSIS NO. : T26AB296-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			น้ำในอ่างรองรับน้ำ T26AB296-0002	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	9.2 (28.8°C)	-
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.1	0.1
MICROBIOLOGY				
TOTAL BACTERIA	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	1.2x10 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.



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ANALYTICAL DATE : JANUARY 22 - FEBRUARY 3, 2026
ISSUE DATE : FEBRUARY 6, 2026
REPORT NO. : 2026-U008777
WORK NO. : 2025-010698
ANALYSIS NO. : T26AB296-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			น้ำในอ่างรองรับน้ำ T26AB296-0002		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	6,700	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/CLEAR		
SEDIMENT			WHITE		

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REGULATORY STANDARD : ANNOUNCEMENT OF THE DEPARTMENT OF HEALTH (THAILAND), PRACTICE FOR THE CONTROL OF LEGIONELLA BACTERIA IN COOLING TOWERS, JANUARY 8, 2001.

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SAMPLING METHOD : GRAB, GRAB AND STERILE TECHNIQUE
SAMPLING BY : MR SUKSAN BOONLEANG
ANALYZED BY : MR RATCHATA THONGPIYAPOOM

RECEIVED DATE : JANUARY 22, 2026
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ISSUE DATE : FEBRUARY 6, 2026
REPORT NO. : 2026-U008778
WORK NO. : 2025-010698
ANALYSIS NO. : T26AB296-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			หอน้ำทิ้งจาก หอฝักเป็น T26AB296-0003	
pH	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	9.1 (28.8°C)	-
FREE CHLORINE	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.1	0.1
MICROBIOLOGY				
TOTAL BACTERIA	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	1.1x10 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.

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ISSUE DATE : FEBRUARY 6, 2026
REPORT NO. : 2026-U008779
WORK NO. : 2025-010698
ANALYSIS NO. : T26AB296-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ท่อน้ำทิ้งจากหอผึ่งเย็น T26AB296-0003		
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		

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