

ภาคผนวก ค
ใบรายงานผลการวิเคราะห์คุณภาพน้ำสระว่ายนํ้า

- ค 1 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า เดือนกรกฎาคม พ.ศ. 2568
- ค 2 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า เดือนสิงหาคม พ.ศ. 2568
- ค 3 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า เดือนกันยายน พ.ศ. 2568
- ค 4 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า เดือนตุลาคม พ.ศ. 2568
- ค 5 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า เดือนพฤศจิกายน พ.ศ. 2568
- ค 6 ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า เดือนธันวาคม พ.ศ. 2568
- ค 7 ใบรายงานผลการวิเคราะห์คุณภาพน้ำหอระบายความร้อน (Cooling Tower)

ภาคผนวก ค 1
ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า
เดือนกรกฎาคม พ.ศ. 2568

ANALYSIS REPORT

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 7, 2025
SAMPLING TIME : 13:05 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS ITSARIYAPORN BUATIB
RECEIVED DATE : JULY 7, 2025
ANALYTICAL DATE : JULY 7-12, 2025
ISSUE DATE : JULY 18, 2025
REPORT NO. : 2025-U065960
WORK NO. : 2024-008398
ANALYSIS NO. : T25AP050-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T25AP050-0001		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	2.2	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ANALYSIS REPORT

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 7, 2025
SAMPLING TIME : 13:00 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS ITSARIYAPORN BUATIB

RECEIVED DATE : JULY 7, 2025
ANALYTICAL DATE : JULY 7-11, 2025
ISSUE DATE : JULY 18, 2025
REPORT NO. : 2025-U065961
WORK NO. : 2024-008398
ANALYSIS NO. : T25AP050-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AP050-0002		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ภาคผนวก ค 2
ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า
เดือนสิงหาคม พ.ศ. 2568

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 22, 2025
SAMPLING TIME : 13:30 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : AUGUST 22, 2025
ANALYTICAL DATE : AUGUST 22-27, 2025
ISSUE DATE : SEPTEMBER 9, 2025
REPORT NO. : 2025-U079972
WORK NO. : 2024-008398
ANALYSIS NO. : T25AS391-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T25AS391-0001		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION			COLOURLESS/CLEAR		
WATER'S COLOUR/TURBID					
SEDIMENT					

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 22, 2025
SAMPLING TIME : 13:35 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : AUGUST 22, 2025
ANALYTICAL DATE : AUGUST 22-27, 2025
ISSUE DATE : SEPTEMBER 9, 2025
REPORT NO. : 2025-U079973
WORK NO. : 2024-008398
ANALYSIS NO. : T25AS391-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AS391-0002		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ภาคผนวก ค 3
ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า
เดือนกันยายน พ.ศ. 2568

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 12, 2025
SAMPLING TIME : 11:15 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS BUSSAKORN MAJAI

RECEIVED DATE : SEPTEMBER 12, 2025
ANALYTICAL DATE : SEPTEMBER 12-18, 2025
ISSUE DATE : SEPTEMBER 23, 2025
REPORT NO. : 2025-U086050
WORK NO. : 2024-008398
ANALYSIS NO. : T25AU426-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL {SHALLOW ZONE} T25AU426-0001		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : SEPTEMBER 12, 2025
SAMPLING TIME : 11:10 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS BUSSAKORN MAJAI

RECEIVED DATE : SEPTEMBER 12, 2025
ANALYTICAL DATE : SEPTEMBER 12-18, 2025
ISSUE DATE : SEPTEMBER 23, 2025
REPORT NO. : 2025-U086051
WORK NO. : 2024-008398
ANALYSIS NO. : T25AU426-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AU426-0002		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ภาคผนวก ค 4
ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า
เดือนตุลาคม พ.ศ. 2568

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 8, 2025
SAMPLING TIME : 11:15 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS SUJIRA PRASERTSUKHO

RECEIVED DATE : OCTOBER 9, 2025
ANALYTICAL DATE : OCTOBER 9-14, 2025
ISSUE DATE : OCTOBER 21, 2025
REPORT NO. : 2025-U093698
WORK NO. : 2024-008398
ANALYSIS NO. : T25AW875-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T25AW875-0001		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	16	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	16	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED

ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com

SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI

SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL

SAMPLING DATE : OCTOBER 8, 2025

SAMPLING TIME : 11:10 HOUR

SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE

SAMPLING BY ° : MR SUKSAN BOONLEANG

ANALYZED BY : MISS SUJIRA PRASERTSUKHO

RECEIVED DATE : OCTOBER 9, 2025

ANALYTICAL DATE : OCTOBER 9-14, 2025

ISSUE DATE : OCTOBER 21, 2025

REPORT NO. : 2025-U093700

WORK NO. : 2024-008398

ANALYSIS NO. : T25AW875-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25AW875-0002		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ภาคผนวก ค 5
ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า
เดือนพฤศจิกายน พ.ศ. 2568

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 10, 2025
SAMPLING TIME : 11:55 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS CHATTRAPORN RATCHANET

RECEIVED DATE : NOVEMBER 13, 2025
ANALYTICAL DATE : NOVEMBER 13-14, 2025
ISSUE DATE : NOVEMBER 18, 2025
REPORT NO. : 2025-U104421
WORK NO. : 2024-008398
ANALYSIS NO. : T25AZ368-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T25AZ368-0001		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION			COLOURLESS/CLEAR		
WATER'S COLOUR/TURBID					
SEDIMENT					

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 10, 2025
SAMPLING TIME : 11:50 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS CHATTRAPORN RATCHANET
RECEIVED DATE : NOVEMBER 13, 2025
ANALYTICAL DATE : NOVEMBER 13-14, 2025
ISSUE DATE : NOVEMBER 18, 2025
REPORT NO. : 2025-U104422
WORK NO. : 2024-008398
ANALYSIS NO. : T25AZ368-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T2SAZ368-0002		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR
OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ภาคผนวก ค 6
ใบรายงานผลวิเคราะห์คุณภาพน้ำน้ำสระว่ายนํ้า
เดือนธันวาคม พ.ศ. 2568

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 12, 2025
SAMPLING TIME : 11:20 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS CHATTRAPORN RATCHANET

RECEIVED DATE : DECEMBER 12, 2025
ANALYTICAL DATE : DECEMBER 12-17, 2025
ISSUE DATE : DECEMBER 24, 2025
REPORT NO. : 2025-U116639
WORK NO. : 2024-008398
ANALYSIS NO. : T258C186-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (SHALLOW ZONE) T258C186-0001		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

.....
(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 12, 2025
SAMPLING TIME : 11:15 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS CHATTRAPORN RATCHANET

RECEIVED DATE : DECEMBER 12, 2025
ANALYTICAL DATE : DECEMBER 12-17, 2025
ISSUE DATE : DECEMBER 24, 2025
REPORT NO. : 2025-U116640
WORK NO. : 2024-008398
ANALYSIS NO. : T25BC186-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL (DEEP ZONE) T25BC186-0002		
MICROBIOLOGY					
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
FAECAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B, C AND E)	< 1.1	NOT DETECTED	1.1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

REGULATORY STANDARD : RECOMMENDATIONS OF PUBLIC HEALTH COMMITTEE NO. 1/2550; CONTROL OF SWIMMING POOLS BUSINESSES OR OTHER SIMILAR BUSINESSES.

< 1.1 : LESS THAN 1.1 MPN/100 mL MEANS NOT DETECTED.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ภาคผนวก ค 7
ใบรายงานผลการวิเคราะห์คุณภาพน้ำหอระบายความร้อน
(Cooling Tower)

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED

ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com

SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI

SAMPLE TYPE : COOLING WATER

SAMPLING DATE : AUGUST 22, 2025

SAMPLING TIME : 13:25 HOUR

SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE

SAMPLING BY ^c : MR SUKSAN BOONLEANG

ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : AUGUST 22, 2025

ANALYTICAL DATE : AUGUST 22-27, 2025

ISSUE DATE : SEPTEMBER 9, 2025

REPORT NO. : 2025-U079974

WORK NO. : 2024-008398

ANALYSIS NO. : T25AS391-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			จุดที่น้ำไหลเข้ามาเติม ในระบบ/น้ำไหลในอ่าง รองรับน้ำ T25AS391-0003	
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	7.9 (28.4°C)	-
RESIDUAL CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.5	0.1
MICROBIOLOGY				
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.8	1.8
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR	
SEDIMENT			-	

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : COOLING WATER
SAMPLING DATE : AUGUST 22, 2025
SAMPLING TIME : 13:25 HOUR
SAMPLING METHOD * : GRAB AND STERILE TECHNIQUE
SAMPLING BY * : MR SUKSAN BOONLEANG
ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : AUGUST 22, 2025
ANALYTICAL DATE : AUGUST 22 - SEPTEMBER 2, 2025
ISSUE DATE : SEPTEMBER 9, 2025
REPORT NO. : 2025-U079976
WORK NO. : 2024-008398
ANALYSIS NO. : T25AS391-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			จุดที่น้ำไหลเข้ามาเติมในระบบ/น้ำไหลในอ่างรองรับน้ำ T25AS391-0003		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

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.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED

ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com

SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI

SAMPLE TYPE : COOLING WATER

SAMPLING DATE : AUGUST 22, 2025

SAMPLING TIME : 13:15 HOUR

SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE

SAMPLING BY ° : MR SUKSAN BOONLEANG

ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : AUGUST 22, 2025

ANALYTICAL DATE : AUGUST 22-27, 2025

ISSUE DATE : SEPTEMBER 9, 2025

REPORT NO. : 2025-U079977

WORK NO. : 2024-008398

ANALYSIS NO. : T25AS391-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ในฉากรองรับน้ำ T25AS391-0004	
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	8.2 (28.9°C)	-
RESIDUAL CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.1	0.1
MICROBIOLOGY				
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.8	1.8
SAMPLE CONDITION			YELLOW/CLEAR	
WATER'S COLOUR/TURBID			-	
SEDIMENT			-	

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
CUSTOMER NAME : โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568
ADDRESS : L&H HOTEL MANAGEMENT COMPANY LIMITED
CONTACT INFORMATION : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120
SAMPLING SOURCE : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com
SAMPLING DATE : GRANDE CENTRE POINT HOTEL LUMPHINI
SAMPLE TYPE : COOLING WATER
SAMPLING TIME : AUGUST 22, 2025
SAMPLING METHOD * : 13:15 HOUR
SAMPLING BY * : GRAB AND STERILE TECHNIQUE
ANALYZED BY : MR SUKSAN BOONLEANG
RECEIVED DATE : AUGUST 22, 2025
ANALYTICAL DATE : AUGUST 22 - SEPTEMBER 2, 2025
ISSUE DATE : SEPTEMBER 9, 2025
REPORT NO. : 2025-U079978
WORK NO. : 2024-008398
ANALYSIS NO. : T25AS391-0004

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ในถังรองรับน้ำ T25AS391-0004		
MICROBIOLOGY					
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/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.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR



ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED

ADDRESS : NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120

CONTACT INFORMATION : TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com

SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL LUMPHINI

SAMPLE TYPE : COOLING WATER

SAMPLING DATE : AUGUST 22, 2025

SAMPLING TIME : 13:20 HOUR

SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE

SAMPLING BY ° : MR SUKSAN BOONLEANG

ANALYZED BY : MR NUTTACHOK LAKHAMMOON

RECEIVED DATE : AUGUST 22, 2025

ANALYTICAL DATE : AUGUST 22-27, 2025

ISSUE DATE : SEPTEMBER 9, 2025

REPORT NO. : 2025-U079979

WORK NO. : 2024-008398

ANALYSIS NO. : T25AS391-0005

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			หอน้ำทิ้งจากหอส่งเย็น T25AS391-0005	
pH ^c	-	ELECTROMETRIC METHOD (AT SITE) SM: PART 4500 -H ⁺ B AND 1060 B	8.2 (28.8°C)	-
RESIDUAL CHLORINE ^c	mg/L Cl ₂	MODIFIED DPD COLOURIMETRIC METHOD (AT SITE)	0.1	0.1
MICROBIOLOGY				
TOTAL COLIFORMS ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.8	1.8
SAMPLE CONDITION				
WATER'S COLOUR/TURBID			YELLOW/CLEAR	
SEDIMENT			-	

^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT NOT IN SCOPE OF ACCREDITATION

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

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม				
CUSTOMER NAME	: โครงการ GRANDE CENTRE POINT HOTEL LUMPHINI ประจำปี 2568				
ADDRESS	: L&H HOTEL MANAGEMENT COMPANY LIMITED				
CONTACT INFORMATION	: NO 1188 RAMA 4 ROAD THUNG MAHA MEK SATHON BANGKOK 10120				
SAMPLING SOURCE	: TEL : 09 8445 2525 e-mail : nattapong.t@gcphotels.com				
SAMPLING DATE	: GRANDE CENTRE POINT HOTEL LUMPHINI		RECEIVED DATE	: AUGUST 22, 2025	
SAMPLE TYPE	: COOLING WATER		ANALYTICAL DATE	: AUGUST 22 - SEPTEMBER 2, 2025	
SAMPLING TIME	: AUGUST 22, 2025		ISSUE DATE	: SEPTEMBER 9, 2025	
SAMPLING METHOD *	: 13:20 HOUR		REPORT NO.	: 2025-U079980	
SAMPLING BY *	: GRAB AND STERILE TECHNIQUE		WORK NO.	: 2024-008398	
ANALYZED BY	: MR SUKSAN BOONLEANG		ANALYSIS NO.	: T25AS391-0005	
		: MR NUTTACHOK LAKHAMMOON			

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			ท่อน้ำทิ้งจากห้องเย็น T25AS391-0005		
MICROBIOLOGY					
Legionella spp.	CFL/L	ISO 11731:2017-05 (E)	NOT DETECTED	NOT DETECTED	100
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			YELLOW/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.

(MISS CHAWEEWAN BOONLA)
LABORATORY SUPERVISOR

