

ภาคผนวก ค
รายงานผลการตรวจวัดคุณภาพน้ำ

รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนกรกฎาคม พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL RATCHADAMRI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : JULY 3, 2024
SAMPLING TIME : 15:05 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR SUKSAN BOONLEANG
ANALYZED BY : MISS BUSSAKORN MAJAI

RECEIVED DATE : JULY 3, 2024
ANALYTICAL DATE : JULY 3-9, 2024
ISSUE DATE : JULY 23, 2024
REPORT NO. : 2024-U066405
WORK NO. : 2023-006133
ANALYSIS NO. : T24AO970-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AO970-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	4.9x10 ²	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

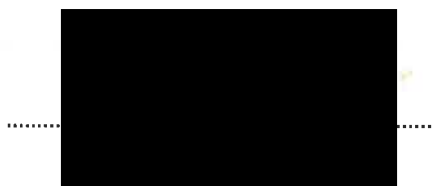
^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

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

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIMENTAL TO HEALTH, B.E. 2530 (1987).



ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED

ADDRESS : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330

CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com

SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL RATCHADAMRI

SAMPLE TYPE : WATER SUPPLY **RECEIVED DATE** : JULY 3, 2024

SAMPLING DATE : JULY 3, 2024 **ANALYTICAL DATE** : JULY 3-14, 2024

SAMPLING TIME : 15:00 HOUR **ISSUE DATE** : JULY 23, 2024

SAMPLING METHOD * : STERILE TECHNIQUE **REPORT NO.** : 2024-U066407

SAMPLING BY * : MR SUKSAN BOONLEANG **WORK NO.** : 2023-006133

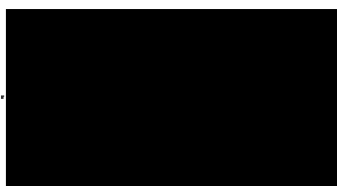
ANALYZED BY : MR PITTAPAN LAEKOD **ANALYSIS NO.** : T24AO970-0003

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			GUEST ROOM NO.3818 T24A0970-0003	
MICROBIOLOGY				
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	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.

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ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567

CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED

ADDRESS : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330

CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com

SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL RATCHADAMRI

SAMPLE TYPE : WATER SUPPLY **RECEIVED DATE** : JULY 3, 2024

SAMPLING DATE : JULY 3, 2024 **ANALYTICAL DATE** : JULY 3-14, 2024

SAMPLING TIME : 14:50 HOUR **ISSUE DATE** : JULY 23, 2024

SAMPLING METHOD * : STERILE TECHNIQUE **REPORT NO.** : 2024-U066406

SAMPLING BY * : MR SUKSAN BOONLEANG **WORK NO.** : 2023-006133

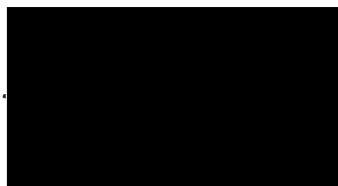
ANALYZED BY : MR PITTAPAN LAEKOD **ANALYSIS NO.** : T24AO970-0002

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	DETECTION LIMIT
			ROOF TANK T24A0970-0002	
MICROBIOLOGY				
Legionella spp.	CFU/L	ISO 11731:2017-05 (E)	4,000	500
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.

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รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนสิงหาคม พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL RATCHADAMRI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : AUGUST 19, 2024
SAMPLING TIME : 14:45 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS ITSARIYAPORN BUATIB
RECEIVED DATE : AUGUST 19, 2024
ANALYTICAL DATE : AUGUST 19-26, 2024
ISSUE DATE : AUGUST 27, 2024
REPORT NO. : 2024-U078863
WORK NO. : 2023-006133
ANALYSIS NO. : T24AS827-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AS827-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	5.4x10 ³	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

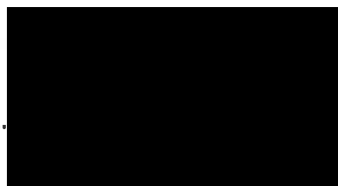
^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIMENTAL TO HEALTH, B.E. 2530 (1987).

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รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนกันยายน พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME	: การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567				
CUSTOMER NAME	: L&H HOTEL MANAGEMENT COMPANY LIMITED				
ADDRESS	: 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330				
CONTACT INFORMATION	: TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com				
SAMPLING SOURCE	: GRANDE CENTRE POINT HOTEL RATCHADAMRI				
SAMPLE TYPE	: WATER SAMPLE FROM SWIMMING POOL	RECEIVED DATE	: SEPTEMBER 5, 2024		
SAMPLING DATE	: SEPTEMBER 4, 2024	ANALYTICAL DATE	: SEPTEMBER 5-10, 2024		
SAMPLING TIME	: 14:40 HOUR	ISSUE DATE	: SEPTEMBER 11, 2024		
SAMPLING METHOD ^c	: GRAB AND STERILE TECHNIQUE	REPORT NO.	: 2024-U083923		
SAMPLING BY ^c	: MR SUKSAN BOONLEANG	WORK NO.	: 2023-006133		
ANALYZED BY	: MISS ITSARIYAPORN BUATIB	ANALYSIS NO.	: T24AU268-0001		

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AU268-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	4.4x10 ²	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

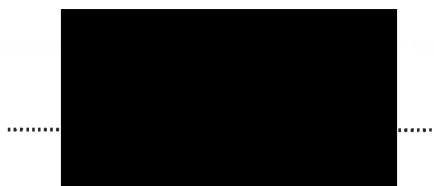
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^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIMENTAL TO HEALTH, B.E. 2530 (1987).



รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนตุลาคม พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL RATCHADAMRI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : OCTOBER 2, 2024
SAMPLING TIME : 13:50 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR SUKSAN BOONLEANG
ANALYZED BY : MISS JITSAMON NGAMKANA
RECEIVED DATE : OCTOBER 2, 2024
ANALYTICAL DATE : OCTOBER 2-8, 2024
ISSUE DATE : OCTOBER 11, 2024
REPORT NO. : 2024-U095071
WORK NO. : 2023-006133
ANALYSIS NO. : T24AX087-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24AX087-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	4	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR		

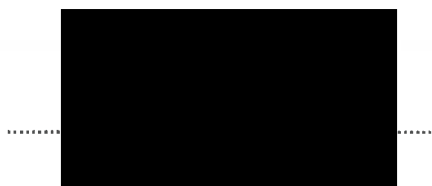
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^b : ISO/IEC 17025 ACCREDITED BY DEPARTMENT OF SCIENCE SERVICE (DSS)

^c : VERIFIED BY OWN LABORATORY QUALITY SYSTEM, BUT STILL NOT ACCREDITED

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

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIMENTAL TO HEALTH, B.E. 2530 (1987).



รายงานผลการตรวจวัดคุณภาพน้ำ
เดือนพฤศจิกายน พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
ADDRESS : 153/2 SOI MAHATLEK LUANG 1 RATCHADAMRI ROAD LUMPHINI PATHUM WAN BANGKOK 10330
CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL RATCHADAMRI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : NOVEMBER 6, 2024
SAMPLING TIME : 14:15 HOUR
SAMPLING METHOD ° : GRAB AND STERILE TECHNIQUE
SAMPLING BY ° : MR SUKSAN BOONLEANG
ANALYZED BY : MISS ITSARIYAPORN BUATIB
RECEIVED DATE : NOVEMBER 7, 2024
ANALYTICAL DATE : NOVEMBER 7-11, 2024
ISSUE DATE : NOVEMBER 18, 2024
REPORT NO. : 2024-U107348
WORK NO. : 2023-006133
ANALYSIS NO. : T24BA057-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24BA057-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221B AND C)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	14	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID SEDIMENT			COLOURLESS/CLEAR -		

^a : ISO/IEC 17025 ACCREDITED BY THAI INDUSTRIAL STANDARDS INSTITUTE (TISI)

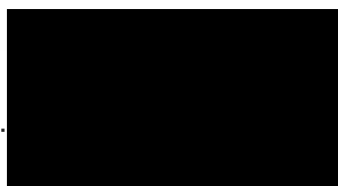
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SM : STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, APHA, AWWA, WEF, 24th EDITION, 2023.

REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIMENTAL TO HEALTH, B.E. 2530 (1987).

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เดือนธันวาคม พ.ศ. 2567

ANALYSIS REPORT

PROJECT NAME : การตรวจวัดคุณภาพสิ่งแวดล้อม และการตรวจสอบการปฏิบัติตามมาตรฐานการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
โครงการ GRANDE CENTRE POINT HOTEL RATCHADAMRI ประจำปี 2567
CUSTOMER NAME : L&H HOTEL MANAGEMENT COMPANY LIMITED
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CONTACT INFORMATION : TEL : 0 2091 9000, 08 6901 0182 e-mail : phatsakon.c@gcphotels.com
SAMPLING SOURCE : GRANDE CENTRE POINT HOTEL RATCHADAMRI
SAMPLE TYPE : WATER SAMPLE FROM SWIMMING POOL
SAMPLING DATE : DECEMBER 5, 2024
SAMPLING TIME : 14:00 HOUR
SAMPLING METHOD ^c : GRAB AND STERILE TECHNIQUE
SAMPLING BY ^c : MR SUKSAN BOONLEANG
ANALYZED BY : MISS ITSARIYAPORN BUATIB
RECEIVED DATE : DECEMBER 6, 2024
ANALYTICAL DATE : DECEMBER 6-11, 2024
ISSUE DATE : DECEMBER 16, 2024
REPORT NO. : 2024-U117560
WORK NO. : 2023-006133
ANALYSIS NO. : T24BC687-0001

PARAMETER	UNIT	METHOD OF ANALYSIS	RESULT	REGULATORY STANDARD	DETECTION LIMIT
			SWIMMING POOL T24BC687-0001		
MICROBIOLOGY					
COLIFORM BACTERIA ^b	MPN/100 mL	MULTIPLE-TUBE FERMENTATION TECHNIQUE (SM: PART 9221 B AND C)	< 1.1	< 10	1.1
<i>E. coli</i> ^b	/100 mL	FLUOROGENIC SUBSTRATE TEST (SM: PART 9221 D AND F)	NOT DETECTED	NOT DETECTED	-
STANDARD PLATE COUNT ^b	CFU/mL	STANDARD PLATE COUNT (SM: PART 9215 B)	32	-	1
SAMPLE CONDITION					
WATER'S COLOUR/TURBID			COLOURLESS/CLEAR		
SEDIMENT			-		

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REGULATORY STANDARD : BANGKOK METROPOLITAN REGULATIONS FOR THE BUSINESS DISTRIMENTAL TO HEALTH, B.E. 2530 (1987).

