



Accreditation No. 1031/47

Analysis / Test Report

Client : Bangkok Phuket Hospital Co., Ltd.
2/1, Hongyok Utis Road, Taladyai, Muang, Phuket Thailand 83000

P/O : 005-4304217105

Project Name : Water Testing : BPK

Project Location :

Lot ID: 2184418

Date Received : Aug 03, 2021

Date Reported : Aug 13, 2021

Report Number : 2046235-1

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Sample Number	2184418-1
Sampled Date	Aug 03, 2021 10:06 AM
Sample Description	น้ำประปา CCU
Location	อ่างน้ำฝน CCU
Date Analysis Commenced	Aug 04, 2021
Condition of Sample	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
Metals Testing							
Iron	mg/L	0.0005	0.001	0.05	≤0.3	Based on APHA (2017), 3125	Bangkok
Manganese	mg/L	0.00005	0.0001	0.001	≤0.3	Based on APHA (2017), 3125	Bangkok
Microbiological Testing							
<i>Clostridium perfringens</i>	in 100 mL	-	-	Not Detected	Not Detected	In-house method STM No. 01-012 in connection with: - APHA (2017), 9260 A,B - BAM (2001), Chapter 16	Bangkok
<i>Escherichia coli</i>	in 100 mL	-	-	Not Detected	Not Detected	APHA (2017), 9221 F	Bangkok
<i>Salmonella spp.</i>	in 100 mL	-	-	Not Detected	Not Detected	ISO 19250 (2010)	Bangkok
<i>Staphylococcus aureus</i>	in 100 mL	-	-	Not Detected	Not Detected	In-house method STM No. 01-054 in connection with: - APHA (2017), 9213 B - BAM (2016), Chapter 12	Bangkok
Total Coliform	in 100 mL	-	-	Not Detected	Not Detected	APHA (2017), 9221 B	Bangkok
Water Testing							
Chloride as Cl	mg/L	0.06	0.2	24.1	≤250	APHA (2017), 4110 B	Bangkok
Color	Color unit	-	5	<5	≤15	APHA (2017), 2120 B	Bangkok
Nitrate as N	mg/L	0.06	0.2	6.2	No Standard	APHA (2017), 4110 B	Bangkok
Odour		-	-	Odourless	Non Objectionable	APHA (2017), 2150 B	Bangkok
pH at 25 degree C		-	-	7.1	6.5-8.5	APHA (2017), 4500-H(B)	Bangkok
Sulfate	mg/L	0.15	0.5	7.1	≤250	APHA (2017), 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C *	mg/L	-	5	168	≤600	Based on APHA (2017), 2540 C	Bangkok
Total Hardness as CaCO ₃	mg/L	-	1	52	≤300	APHA (2017), 2340 C	Bangkok
Turbidity	NTU	-	0.1	0.25	≤4	APHA (2017), 2130 B	Bangkok

Guideline : Water quality standards of the Provincial Waterworks Authority , (1) : Guideline for Inorganic Mercury

Approved by

Siriluk P.

Siriluk Puengpang
Supervisor

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Sampled By : Yuttapong Rattana

Remark :

- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
- Analyte(s) marked * is/are not included in scope of Accreditation ISO/IEC 17025.

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