



Analysis / Test Report

TESTING
No.0166

Client : Bangkok Phuket Hospital Co., Ltd.
2/1, Hongyok Utis Road, Taladyai, Muang, Phuket Thailand 83000
P/O : 005-4305321797
Project Name : Water Testing : BPK
Project Location :

Lot ID: 22129782
Date Received : Nov 02, 2022
Date Reported : Nov 19, 2022
Report Number : 2491578-1

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Sample Number 22129782-1
Sampled Date Nov 01, 2022 11:55 AM
Sample Description น้ำประปาต้นทาง (น้ำประปาชั้น 5 อาคาร 2)
Location บ่อเก็บน้ำาดตฟ้าอาคาร 2
Date Analysis Commenced Nov 02, 2022
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	0.001	0.005	0.02	≤0.3	Based on APHA (2017), 3125	Songkhla
Manganese	mg/L	0.001	0.005	<0.005	≤0.3	Based on APHA (2017), 3125	Songkhla
Microbiological Testing							
<i>Escherichia coli</i>	MPN/100mL	-	-	<1.1	<1.1	APHA (2017), 9221 F	Songkhla
Total Coliform	MPN/100mL	-	-	<1.1	<1.1	APHA (2017), 9221 B	Songkhla
Water Testing							
^[A] Chloride as Cl	mg/L	0.06	0.2	23.4	≤250	APHA (2017), 4110 B	Bangkok
Color (Apparent) *	Color unit	-	5	<5	≤15	APHA (2017), 2120 B	Songkhla
^[A] Nitrate as NO3	mg/L	0.3	1.0	37.6	≤50	APHA (2017), 4110 B	Bangkok
pH at 25 degree C	-	-	-	7.0	6.5-8.5	Based on APHA (2017), 4500-H (B)	Songkhla
Residual Free Chlorine	mg/L	-	0.1	0.4	No Standard	APHA (2017), 4500-Cl (F)	Songkhla
^[A] Sulfate	mg/L	0.15	0.5	5.4	≤250	APHA (2017), 4110 B	Bangkok
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	178	≤500	APHA (2017), 2540 C	Songkhla
Total Hardness as CaCO3	mg/L	-	1	53	≤300	APHA (2017), 2340 C	Songkhla
Turbidity	NTU	-	0.1	0.54	≤5	APHA (2017), 2130 B	Songkhla

Guideline : เกณฑ์คุณภาพน้ำประปาดื่มได้ ประกาศ กรมอนามัย พ.ศ. 2563

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.
- [A] Analysis conducted by ALS Laboratory Group (Thailand) Co., Ltd. Bangkok Branch, DMSc Accreditation No. 1031/47.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Approved by

Sutthirak T.

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