



## 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 18, 2022  
Report Number : 2491586-1

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<b>Sample Number</b>	22129782-9
<b>Sampled Date</b>	Nov 01, 2022 10:52 AM
<b>Sample Description</b>	น้ำทิ้งหลังออกจากระบบ (น้ำรวม)
<b>Location</b>	ระบบบำบัดน้ำเสีย - ท่อน้ำทิ้ง
<b>Date Analysis Commenced</b>	Nov 02, 2022
<b>Condition of Sample</b>	Contained in one amber glass bottle and six plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Microbiological Testing</b>							
Fecal Coliform	MPN/100mL	-	-	<1.8	No Standard	APHA (2017), 9221 E	Songkhla
Total Coliform	MPN/100mL	-	-	<1.8	No Standard	APHA (2017), 9221 B	Songkhla
<b>Water Testing</b>							
BOD *	mg/L	-	2	<2	≤20	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
COD Soluble *	mg/L	-	5	10	No Standard	Based on APHA (2017), 5220 D	Songkhla
Oil & Grease	mg/L	-	3	<3	≤20	Based on APHA (2017), 5520 B	Songkhla
pH at 25 degree C		-	-	7.0	5.0-9.0	Based on APHA (2017), 4500-H (B)	Songkhla
Residual Chlorine *	mg/L	-	0.1	0.5	No Standard	Based on APHA (2017), 4500-Cl (G)	Bangkok
Settleable Solid *	mL/L/hr	-	0.1	<0.1	≤0.5	Based on APHA (2017), 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.6	≤1	Based on APHA (2017), 4500-S2 (C), (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	324	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.9	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	10	≤30	APHA (2017), 2540 D	Songkhla

**Guideline** : Notification of Ministry of Natural Resources and Environment November, 7, B.E. 2548 on Effluent Control Standard from Types and Sized of Buildings, Type A.

(1) : The values are in addition to the Total Dissolved Solids of the water used not more than 500 mg/L.

**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.
- The laboratory has been accepted as an accredited laboratory complying with the ISO/IEC 17025.

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Approved by

*Sutthirak T.*

Sutthirak Tiprat  
Scientist (2)