



## 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: 22116201**  
Date Received : Oct 05, 2022  
Date Reported : Nov 03, 2022  
Report Number : 2478578-1

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<b>Sample Number</b>	22116201-9
<b>Sampled Date</b>	Oct 04, 2022 10:54 AM
<b>Sample Description</b>	น้ำเสียก่อนเข้าระบบบำบัด (น้ำรวม)
<b>Location</b>	ระบบบำบัดน้ำเสีย - บ่อรวบรวมน้ำเสีย
<b>Date Analysis Commenced</b>	Oct 05, 2022
<b>Condition of Sample</b>	Contained in one amber glass bottle and five plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Guideline / Specification	Method	Testing Location
<b>Water Testing</b>							
BOD *	mg/L	-	2	47	≤20	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
COD	mg/L	-	5	160	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		-	-	7.1	5.0-9.0	Based on APHA (2017), 4500-H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.2	≤0.5	Based on APHA (2017), 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	1.2	≤1	Based on APHA (2017), 4500-S2 (C), (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	572	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	46.6	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	28	≤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 , Thaksin Aintrom

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.

The above results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

Approved by

*Sutthirak T.*

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