



## Analysis / Test Report

TESTING  
No.0166

**Client :** Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000

**P/O :**

**Project Name :** Dibuk Hospital

**Project Location :**

**Lot ID: 221398**

Date Received : Jan 06, 2022

Date Reported : Jan 15, 2022

Report Number : 2205900-1

Page 1 of 1

<b>Sample Number</b>	221398-4
<b>Sampled Date</b>	Jan 05, 2022 1:55 PM
<b>Sample Description</b>	Influent Water
<b>Location</b>	Influent Water Tank
<b>Date Analysis Commenced</b>	Jan 06, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD *	mg/L	-	2	62	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
Dissolved Oxygen *	mg/L	-	0.1	<0.1	Based on APHA (2017), 4500-O (C)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	220	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	30.8	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	12	APHA (2017), 2540 D	Songkhla

**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.

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Approved by

*Sutthirak T.*

Sutthirak Tiprat  
Scientist (2)

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000

**P/O :**

**Project Name :** Dibuk Hospital

**Project Location :**

**Lot ID: 221398**

Date Received : Jan 06, 2022

Date Reported : Jan 15, 2022

Report Number : 2205901-1

Page 1 of 1

<b>Sample Number</b>	221398-5						
<b>Sampled Date</b>	Jan 05, 2022 1:45 PM						
<b>Sample Description</b>	Effluent Water						
<b>Location</b>	Effluent Water Tank						
<b>Date Analysis Commenced</b>	Jan 06, 2022						
<b>Condition of Sample</b>	Contained in two BOD bottles and four 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>							
<i>Escherichia coli</i>	MPN/100mL	-	-	240.0	No Standard	APHA (2017), 9221 F	Songkhla
Total Coliform	MPN/100mL	-	-	350.0	No Standard	APHA (2017), 9221 B	Songkhla
<b>Water Testing</b>							
BOD *	mg/L	-	2	3	≤20	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
Dissolved Oxygen *	mg/L	-	0.1	8.7	No Standard	Based on APHA (2017), 4500-O (C)	Songkhla
Residual Free Chlorine	mg/L	-	0.1	0.1	No Standard	APHA (2017), 4500-Cl (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	256	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	6.6	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	<5	≤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

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Approved by

*Sutthirak T.*

Sutthirak Tiprat  
Scientist (2)

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000

**P/O :**

**Project Name :** Dibuk Hospital

**Project Location :**

**Lot ID: 2214235**

Date Received : Feb 02, 2022

Date Reported : Feb 08, 2022

Report Number : 2227475-1

Page 1 of 1

<b>Sample Number</b>	2214235-1
<b>Sampled Date</b>	Feb 01, 2022 10:16 AM
<b>Sample Description</b>	Influent Water
<b>Location</b>	Influent Water Tank
<b>Date Analysis Commenced</b>	Feb 02, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles and three plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD *	mg/L	-	2	78	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
Dissolved Oxygen *	mg/L	-	0.1	1.1	Based on APHA (2017), 4500-O (C)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	228	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	33.9	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	19	APHA (2017), 2540 D	Songkhla

**Sampled By :** Thaksin Aintrom

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TESTING  
No.0166

**Client :** Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000

**P/O :**

**Project Name :** Dibuk Hospital

**Project Location :**

**Lot ID: 2214235**

Date Received : Feb 02, 2022

Date Reported : Feb 09, 2022

Report Number : 2227476-1

Page 1 of 1

<b>Sample Number</b>	2214235-2
<b>Sampled Date</b>	Feb 01, 2022 10:10 AM
<b>Sample Description</b>	Effluent Water
<b>Location</b>	Effluent Water Tank
<b>Date Analysis Commenced</b>	Feb 02, 2022
<b>Condition of Sample</b>	Contained in two BOD bottles and four 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
Dissolved Oxygen *	mg/L	-	0.1	7.0	No Standard	Based on APHA (2017), 4500-O (C)	Songkhla
Residual Free Chlorine *	mg/L	-	0.1	0.8	No Standard	APHA (2017), 4500-Cl (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	512	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	1.6	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	11	≤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 :** Thaksin Aintrom

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*Chompoonuch F.*

Chompoonuch Funtha  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0166

**Client** : Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000

**P/O** :

**Project Name** : Dibuk Hospital

**Project Location** :

**Lot ID: 2228021**

Date Received : Mar 03, 2022

Date Reported : Mar 09, 2022

Report Number : 2255239-1

Page 1 of 1

<b>Sample Number</b>	2228021-1
<b>Sampled Date</b>	Mar 02, 2022 10:15 AM
<b>Sample Description</b>	Influent
<b>Location</b>	Influent Water Tank
<b>Date Analysis Commenced</b>	Mar 03, 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	Method	Testing Location
<b>Water Testing</b>						
BOD *	mg/L	-	2	25	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
COD	mg/L	-	5	121	Based on APHA (2017), 5220 D	Songkhla
Oil & Grease	mg/L	-	3	6	Based on APHA (2017), 5520 B	Songkhla
pH at 25 degree C		-	-	7.6	Based on APHA (2017), 4500-H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.1	Based on APHA (2017), 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.6	Based on APHA (2017), 4500-S2 (C), (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	260	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	35.4	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	19	APHA (2017), 2540 D	Songkhla

**Sampled By** : Yuttapong Rattana , Thaksin Aintrom

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## Analysis / Test Report

TESTING  
No.0166

**Client** : Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000

**P/O** :

**Project Name** : Dibuk Hospital

**Project Location** :

**Lot ID: 2228021**

Date Received : Mar 03, 2022

Date Reported : Mar 09, 2022

Report Number : 2255240-1

Page 1 of 1

<b>Sample Number</b>	2228021-2						
<b>Sampled Date</b>	Mar 02, 2022 10:10 AM						
<b>Sample Description</b>	Effluent						
<b>Location</b>	Effluent Water Tank						
<b>Date Analysis Commenced</b>	Mar 03, 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	-	-	33.0	No Standard	APHA (2017), 9221 E	Songkhla
Total Coliform	MPN/100mL	-	-	49.0	No Standard	APHA (2017), 9221 B	Songkhla
<b>Water Testing</b>							
BOD *	mg/L	-	2	3	≤20	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
COD	mg/L	-	5	67	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		-	-	6.8	5.0-9.0	Based on APHA (2017), 4500-H (B)	Songkhla
Residual Free Chlorine	mg/L	-	0.1	0.3	No Standard	APHA (2017), 4500-Cl (F)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	0.1	≤0.5	Based on APHA (2017), 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	<0.5	≤1	Based on APHA (2017), 4500-S2 (C), (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	210	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	9.9	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	12	≤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

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Approved by

*Sutthirak T.*

Sutthirak Tiprat  
Scientist (1)

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## Analysis / Test Report

TESTING  
No.0166

**Client** : Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000

**P/O** :

**Project Name** : Dibuk Hospital

**Project Location** :

**Lot ID: 2241911**

Date Received : Apr 06, 2022

Date Reported : Apr 12, 2022

Report Number : 2278043-1

Page 1 of 1

<b>Sample Number</b>	2241911-1
<b>Sampled Date</b>	Apr 05, 2022 10:25 AM
<b>Sample Description</b>	Influent Water
<b>Location</b>	Influent Water Tank
<b>Date Analysis Commenced</b>	Apr 06, 2022
<b>Condition of Sample</b>	Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD *	mg/L	-	2	14	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
COD	mg/L	-	5	82	Based on APHA (2017), 5220 D	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	210	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	24.3	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	18	APHA (2017), 2540 D	Songkhla

**Sampled By** : Yuttapong Rattana , Thaksin Aintrom

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## Analysis / Test Report

TESTING  
No.0166

**Client** : Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000

**P/O** :

**Project Name** : Dibuk Hospital

**Project Location** :

**Lot ID: 2241912**

Date Received : Apr 06, 2022

Date Reported : Apr 19, 2022

Report Number : 2278052-1

Page 1 of 1

<b>Sample Number</b>	2241912-1
<b>Sampled Date</b>	Apr 05, 2022 10:16 AM
<b>Sample Description</b>	Effluent Water
<b>Location</b>	Effluent Water Tank
<b>Date Analysis Commenced</b>	Apr 06, 2022
<b>Condition of Sample</b>	Contained in five 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>							
<i>Escherichia coli</i>	MPN/100mL	-	-	<1.8	No Standard	APHA (2017), 9221 F	Songkhla
Fecal Coliform	MPN/100mL	-	-	<1.8	No Standard	APHA (2017), 9221 E	Songkhla
Total Coliform	MPN/100mL	-	-	2.0	No Standard	APHA (2017), 9221 B	Songkhla
<b>Water Testing</b>							
BOD *	mg/L	-	2	3	≤20	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
COD	mg/L	-	5	36	No Standard	Based on APHA (2017), 5220 D	Songkhla
Residual Free Chlorine	mg/L	-	0.1	0.8	No Standard	APHA (2017), 4500-Cl (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	206	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	3.6	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	9	≤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 :

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## Analysis / Test Report

TESTING  
No.0009

**Client** : Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000  
**P/O** : 051-4305046360  
**Project Name** : Dibuk Hospital  
**Project Location** :

**Lot ID: 2252767**

Date Received : May 07, 2022

Date Reported : May 13, 2022

Report Number : 2312875-1

Page 1 of 1

**Sample Number** 2252767-1  
**Sampled Date** May 06, 2022 10:15 AM  
**Sample Description** Influent Water  
**Location** Influent Water Tank  
**Date Analysis Commenced** May 07, 2022  
**Condition of Sample** Contained in four plastic bottles, sample containers comply to pretreatment - preservation standards (APHA, USEPA)

Analyte	Unit	LOD	LOQ (LOR)	Result	Method	Testing Location
<b>Water Testing</b>						
BOD *	mg/L	-	2	16	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
COD	mg/L	-	5	79	Based on APHA (2017), 5220 D	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	220	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	28.1	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	11	APHA (2017), 2540 D	Songkhla

**Sampled By** : Yuttapong Rattana , Thaksin Aintrom

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## Analysis / Test Report

TESTING

No.0009

**Lot ID: 2252767**

Date Received : May 07, 2022

Date Reported : May 17, 2022

Report Number : 2312876-1

**Client** : Bangkok Phuket Hospital Co., Ltd.  
89/9 Moo 2, Tambon Vichit, Muang, Phuket Thailand 83000

**P/O** : 051-4305046360

**Project Name** : Dibuk Hospital

**Project Location** :

Page 1 of 1

<b>Sample Number</b>	2252767-2
<b>Sampled Date</b>	May 06, 2022 10:00 AM
<b>Sample Description</b>	Effluent Water
<b>Location</b>	Effluent Water Tank
<b>Date Analysis Commenced</b>	May 07, 2022
<b>Condition of Sample</b>	Contained in five 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	-	-	2.0	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	mg/L	-	5	28	No Standard	Based on APHA (2017), 5220 D	Songkhla
Residual Free Chlorine	mg/L	-	0.1	0.3	No Standard	APHA (2017), 4500-Cl (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	156	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	2.5	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	8	≤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.

Approved by

*Chompoonuch F.*

Chompoonuch Funtha  
Scientist (4)

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Bangkok Phuket Hospital Co., Ltd.  
89/8, 89/9 Moo 2, Vichit, Muang, Phuket Thailand 83000

**P/O :**

**Project Name :** Dibuk Hospital

**Project Location :**

**Lot ID: 2268971**

Date Received : Jun 09, 2022

Date Reported : Jun 18, 2022

Report Number : 2347237-1

Page 1 of 1

<b>Sample Number</b>	2268971-2
<b>Sampled Date</b>	Jun 08, 2022 9:55 AM
<b>Sample Description</b>	Influent Water
<b>Location</b>	Influent Water Tank
<b>Date Analysis Commenced</b>	Jun 09, 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	Method	Testing Location
<b>Water Testing</b>						
BOD *	mg/L	-	2	12	Based on APHA (2017), 5210 (B), 4500-O (C)	Songkhla
COD	mg/L	-	5	75	Based on APHA (2017), 5220 D	Songkhla
Oil & Grease	mg/L	-	3	3	Based on APHA (2017), 5520 B	Songkhla
pH at 25 degree C		-	-	7.4	Based on APHA (2017), 4500-H (B)	Songkhla
Settleable Solid *	mL/L/hr	-	0.1	<0.1	Based on APHA (2017), 2540 F	Songkhla
Sulfide *	mg/L	-	0.5	0.8	Based on APHA (2017), 4500-S2 (C), (F)	Songkhla
Total Dissolved solids Dried at 180 degree C	mg/L	-	5	212	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	19.0	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	13	APHA (2017), 2540 D	Songkhla

**Sampled By :** Thaksin Aintrom , Yuttapong Rattana

Remark :

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Approved by

*Sutthirak T.*

Sutthirak Tiprat  
Scientist (2)

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## Analysis / Test Report

TESTING  
No.0166

**Client :** Bangkok Phuket Hospital Co., Ltd.  
89/8, 89/9 Moo 2, Vichit, Muang, Phuket Thailand 83000

**P/O :**

**Project Name :** Dibuk Hospital

**Project Location :**

**Lot ID: 2268971**

Date Received : Jun 09, 2022

Date Reported : Jun 18, 2022

Report Number : 2347238-1

Page 1 of 1

<b>Sample Number</b>	2268971-3
<b>Sampled Date</b>	Jun 08, 2022 9:46 AM
<b>Sample Description</b>	Effluent Water
<b>Location</b>	Effluent Water Tank
<b>Date Analysis Commenced</b>	Jun 09, 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>							
<i>Escherichia coli</i>	MPN/100mL	-	-	<1.8	No Standard	APHA (2017), 9221 F	Songkhla
Fecal Coliform	MPN/100mL	-	-	33.0	No Standard	APHA (2017), 9221 E	Songkhla
Total Coliform	MPN/100mL	-	-	240.0	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	mg/L	-	5	38	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		-	-	6.6	5.0-9.0	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
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	172	No Standard	APHA (2017), 2540 C	Songkhla
Total Kjeldahl Nitrogen as N *	mg/L	0.15	1.0	2.5	≤35	Based on APHA (2017), 4500-Norg (C)	Bangkok
Total Suspended Solids	mg/L	-	5	8	≤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.

**Note :** สารที่ละลายได้ทั้งหมดในน้ำใช้ = 73 มิลลิกรัมต่อลิตร

**Sampled By :** Thaksin Aintrom , Yuttapong Rattana

Remark :

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Approved by

*Sutthirak T.*

Sutthirak Tiprat  
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