



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่



NSC-TISI-TIS 17025

Testing 1679

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์อมตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : บริเวณบ่อตรวกระบายน้ำ
GPS. Coordinate : 47 P 704440 E 1434503 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/1
Sample Type : Wastewater
Sampling Date : 11 July 2025
Sampling Time : 04.20 p.m.
Received Date : 12 July 2025
Analytical Date : 12 – 25 July 2025
Report Date : 29 July 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.9 °C	-	Electrometric Method (4500-H ⁺ B)	7.4	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	14.5	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	340	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Azide Modification Method (4500-O C, 5210 B)	69.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.00	≤ 1.0
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.7	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.3	-
Total Kjeldahl Nitrogen ^{2/}	mg/L	APHA : 4500-Norg (B) ^{3/}	63	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Smelly		

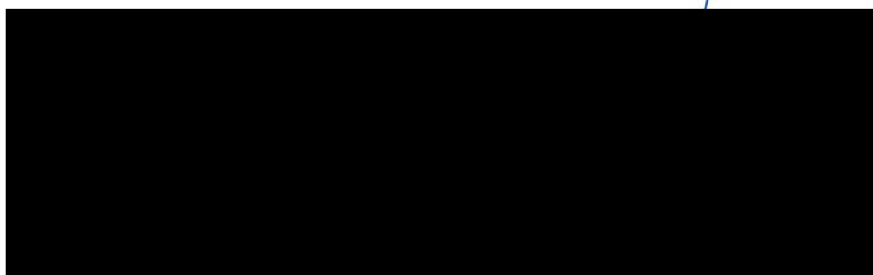
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type A.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



Analyst

Laboratory Manager



TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่



NSC-TISI-TIS 17025

Testing 1679

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตินุศลอคารชุด เดอะ ปาล์ม วงศ์มัตย์ บิข คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 704318 E 1434510 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/2
Sample Type : Swimming pool Water
Sampling Date : 11 July 2025
Sampling Time : 04.14 p.m.
Received Date : 12 July 2025
Analytical Date : 12 – 24 July 2025
Report Date : 25 July 2025

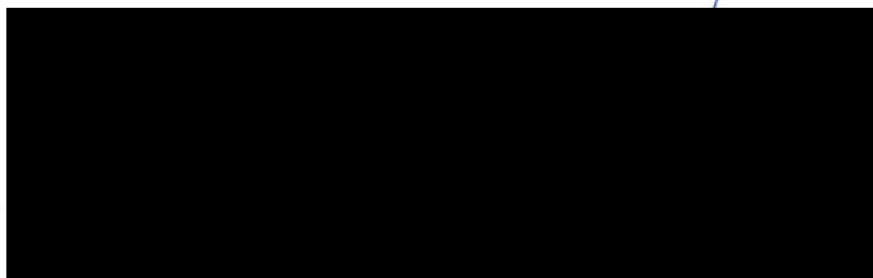
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.4 °C	-	Electrometric Method (4500-H ⁺ B)	7.6	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.





TNP ENVIRONMENT CO.,LTD.

เลขที่ 332/173 หมู่ 3 ตำบลบางรักพัฒนา อำเภอบางบัวทอง จังหวัดนนทบุรี 11110 โทรศัพท์: 02-156-8273

E-mail: tnp.envi@gmail.com เลขประจำตัวผู้เสียภาษี 0125560008957 สำนักงานใหญ่



NSC-TIS-TIS 17025

Testing 1679

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มายุ บิซ คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 704327 E 1434507 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/3
Sample Type : Swimming pool Water
Sampling Date : 11 July 2025
Sampling Time : 04.12 p.m.
Received Date : 12 July 2025
Analytical Date : 12 – 24 July 2025
Report Date : 25 July 2025

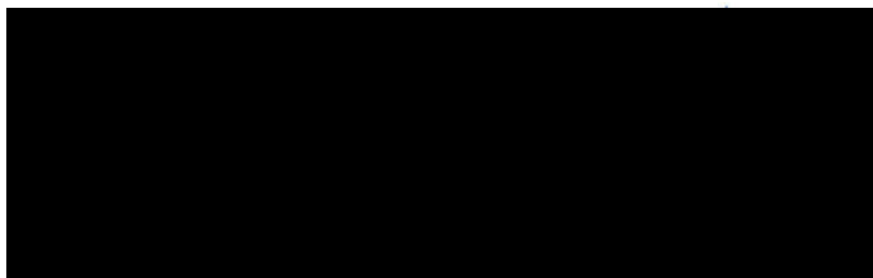
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 24.4 °C	-	Electrometric Method (4500-H ⁺ B)	7.6	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มายุ บิซ คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : น้ำใช้หลังมีเตอร์น้ำประปา
GPS. Coordinate : 47 P 704442 E 1434485 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68079
Sample No : W68079/4
Sample Type : Water Supply
Sampling Date : 11 July 2025
Sampling Time : 04.49 p.m.
Received Date : 12 July 2025
Analytical Date : 12 – 25 July 2025
Report Date : 29 July 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Odor *	-	Observation Method	ไม่เป็นที่พึงรังเกียจ	-
Color *	Pt-Co	Observation Method	5	≤ 15
Turbidity * ^{2/}	NTU		1.2	≤ 5
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

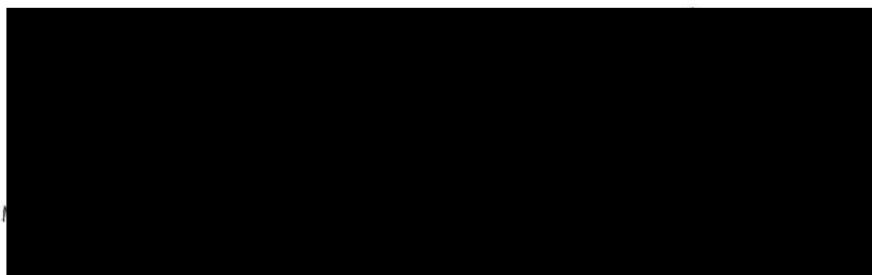
Standard : The Department of Health, Criteria's of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มัทย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : บริเวณบ่อดำรงระบายน้ำ
GPS. Coordinate : 47 P 664420 E 1434502 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/1
Sample Type : Wastewater
Sampling Date : 07 August 2025
Sampling Time : 01.13 p.m.
Received Date : 08 August 2025
Analytical Date : 08 – 25 August 2025
Report Date : 26 August 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.2 °C	-	Electrometric Method (4500-H ⁺ B)	7.5	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	6.6	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	260	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Modification Method (4500-O C, 5210 B)	7.3	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	≤ 1.0
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Total Kjeldahl Nitrogen * ^{2/}	mg/L	APHA : 4500-Norg (B) ^{3/}	20	≤ 35
Sample Appearance		Yellow/Clear/Little Sediment/Odorless		

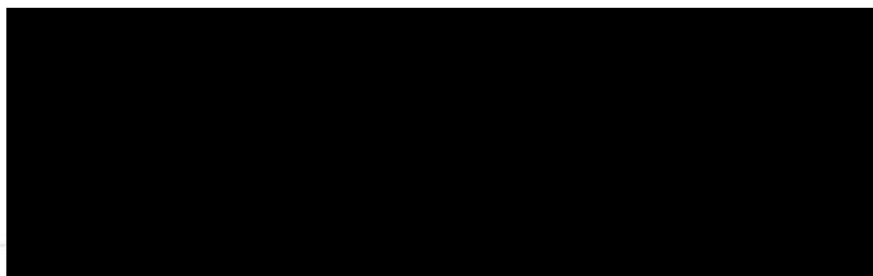
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type A.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตินุศคลอาคารชุด เดอะ ปาล์ม วงศ์มาตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 704322 E 1434511 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/2
Sample Type : Swimming pool Water
Sampling Date : 07 August 2025
Sampling Time : 01.34 p.m.
Received Date : 08 August 2025
Analytical Date : 08 – 22 August 2025
Report Date : 25 August 2025

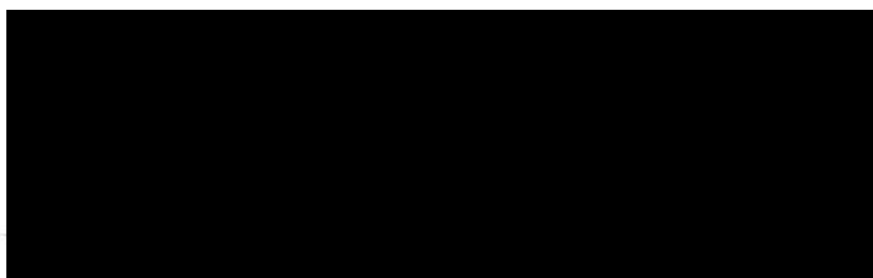
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.9 °C	-	Electrometric Method (4500-H ⁺ B)	7.5	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตินุคคณาการชุด เดอะ ปาล์ม วงศ์มัตย์ บัซ คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 704342 E 1434499 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/3
Sample Type : Swimming pool Water
Sampling Date : 07 August 2025
Sampling Time : 01.32 p.m.
Received Date : 08 August 2025
Analytical Date : 08 – 22 August 2025
Report Date : 25 August 2025

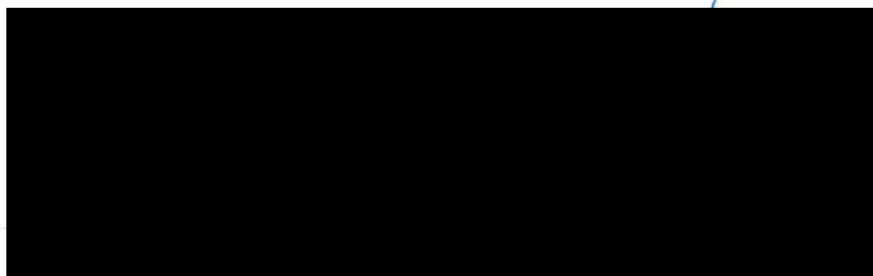
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.2 °C	-	Electrometric Method (4500-H ⁺ B)	7.6	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์อมตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : บริเวณบ่อตรวจระบายน้ำ
GPS. Coordinate : 47 P 704458 E 1434490 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/1
Sample Type : Wastewater
Sampling Date : 11 September 2025
Sampling Time : 11.40 a.m.
Received Date : 12 September 2025
Analytical Date : 12 – 29 September 2025
Report Date : 30 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.9 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	< 5.0	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	594	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Modification Method (4500-O C, 5210 B)	3.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	≤ 1.0
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Total Kjeldahl Nitrogen ^{2/}	mg/L	APHA : 4500-Norg (B) ^{3/}	3.4	≤ 35
Sample Appearance		Yellow/Clear/Little Sediment/Odorless		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type A.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.

Mis

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตินุคคณาการชุด เดอะ ปาล์ม วงศ์มัตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 704324 E 1434517 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/2
Sample Type : Swimming pool Water
Sampling Date : 11 September 2025
Sampling Time : 11.16 a.m.
Received Date : 12 September 2025
Analytical Date : 12 – 29 September 2025
Report Date : 30 September 2025

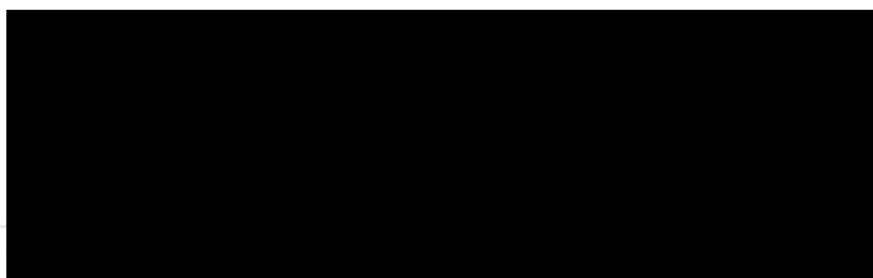
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.7 °C	-	Electrometric Method (4500-H ⁺ B)	7.6	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตยบุคลลอาคารชุด เดอะ ปาล์ม วงศ์มัตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนตัว
GPS. Coordinate : 47 P 704335 E 1434523 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/3
Sample Type : Swimming pool Water
Sampling Date : 11 September 2025
Sampling Time : 11.15 a.m.
Received Date : 12 September 2025
Analytical Date : 12 – 29 September 2025
Report Date : 30 September 2025

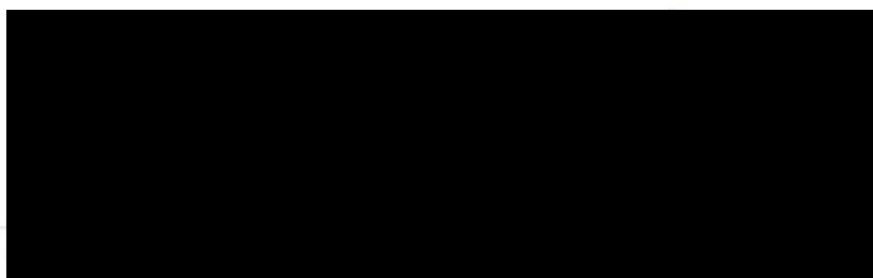
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 22.5 °C	-	Electrometric Method (4500-H ⁺ B)	7.6	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์อมตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี 20150
Sampling Point : ถังเก็บน้ำใต้ดิน อาคาร A
GPS. Coordinate : 47 P 704328 E 1434506 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68079
Sample No : W68079/4
Sample Type : Water Supply
Sampling Date : 11 September 2025
Sampling Time : 11.20 a.m.
Received Date : 12 September 2025
Analytical Date : 12 – 29 September 2025
Report Date : 30 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Odor *	-	Threshold Odor Test (2150 B)	Not Objectionability	-
Color * ^{2/}	Pt-Co	APHA:2120 B	< 5	≤ 15
Turbidity * ^{2/}	NTU	APHA:2130 B	0.39	≤ 5
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.

M

Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มัทย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : ถังเก็บน้ำใต้ดิน อาคาร B
GPS. Coordinate : 47 P 704439 E 1434505 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68079
Sample No : W68079/5
Sample Type : Water Supply
Sampling Date : 11 September 2025
Sampling Time : 11.37 a.m.
Received Date : 12 September 2025
Analytical Date : 12 – 29 September 2025
Report Date : 30 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Odor *	-	Threshold Odor Test (2150 B)	Not Objectionability	-
Color ^{2/}	Pt-Co	APHA:2120 B	< 5	≤ 15
Turbidity ^{2/}	NTU	APHA:2130 B	0.38	≤ 5
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

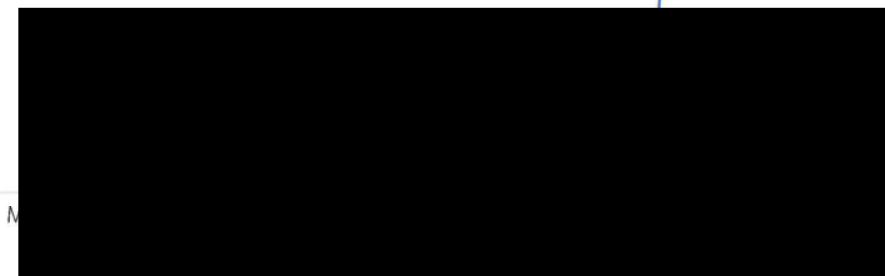
Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มายุ บิซ คอนโดมิเนียม
 Project Name : โครงการอาคารชุด The Palm
 Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
 จังหวัดชลบุรี 20150
 Sampling Point : ถังเก็บน้ำชั้นดาดฟ้า อาคาร A
 GPS. Coordinate : 47 P 704369 E 1434529 N
 Sampling By : TNP ENVIRONMENT CO.,LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68079
 Sample No : W68079/6
 Sample Type : Water Supply
 Sampling Date : 11 September 2025
 Sampling Time : 11.24 a.m.
 Received Date : 12 September 2025
 Analytical Date : 12 – 29 September 2025
 Report Date : 30 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Odor *	-	Threshold Odor Test (2150 B)	Not Objectionability	-
Color * ^{2/}	Pt-Co	APHA:2120 B	< 5	≤ 15
Turbidity * ^{2/}	NTU	APHA:2130 B	0.58	≤ 5
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

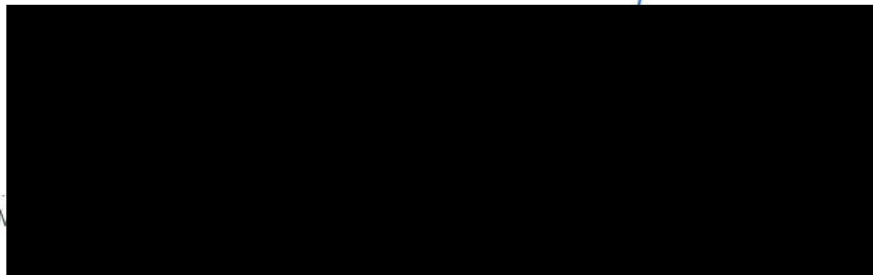
Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์อมตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : ถังเก็บน้ำชั้นดาดฟ้า อาคาร B
GPS. Coordinate : 47 P 704441 E 1434402 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

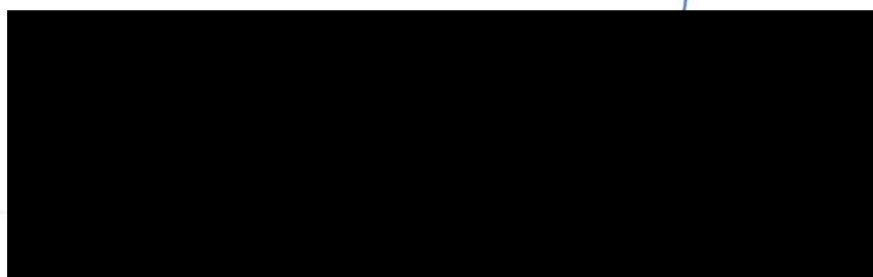
Data Provided by Laboratory

Customer Code : W68079
Sample No : W68079/7
Sample Type : Water Supply
Sampling Date : 11 September 2025
Sampling Time : 11.31 a.m.
Received Date : 12 September 2025
Analytical Date : 12 – 29 September 2025
Report Date : 30 September 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Odor *	-	Threshold Odor Test (2150 B)	Not Objectionability	-
Color * ^{2/}	Pt-Co	APHA:2120 B	< 5	≤ 15
Turbidity * ^{2/}	NTU	APHA:2130 B	0.67	≤ 5
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.
^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.
^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.
* This item is out the scope ISO/IEC 17025:2017 Accreditation.



Analyst

Laboratory Manager

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มมาตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : บริเวณบ่อตรวจระบายน้ำ
GPS. Coordinate : 47 P 704458 E 1434490 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/1
Sample Type : Wastewater
Sampling Date : 16 October 2025
Sampling Time : 01.39 p.m.
Received Date : 17 October 2025
Analytical Date : 17 October – 06 November 2025
Report Date : 07 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 26.7 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	68.4	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	330	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	63.4	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	< 0.60	≤ 1.0
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.8	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	2.5	-
Total Kjeldahl Nitrogen ^{*, 2/}	mg/L	APHA : 4500-Norg (B) ^{3/}	77	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Smelly		

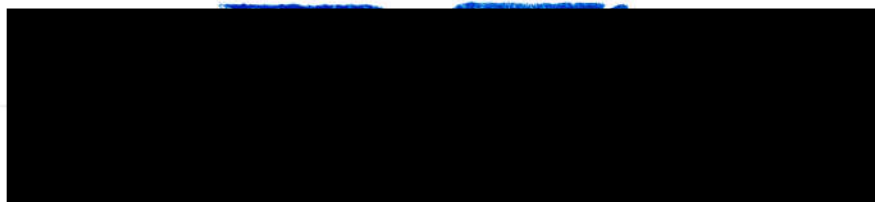
Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type A.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มายุ บีย คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 704324 E 1434517 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/2
Sample Type : Swimming pool Water
Sampling Date : 16 October 2025
Sampling Time : 01.11 p.m.
Received Date : 17 October 2025
Analytical Date : 17 October – 06 November 2025
Report Date : 07 November 2025

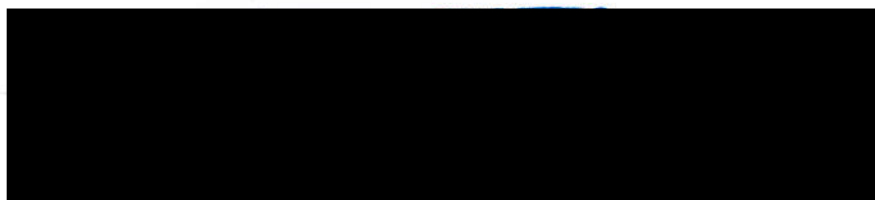
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25.8 °C	-	Electrometric Method (4500-H ⁺ B)	7.8	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มัตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 704335 E 1434523 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/3
Sample Type : Swimming pool Water
Sampling Date : 16 October 2025
Sampling Time : 01.12 p.m.
Received Date : 17 October 2025
Analytical Date : 17 October – 06 November 2025
Report Date : 07 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.6 °C	-	Electrometric Method (4500-H ⁺ B)	7.4	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-CL B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> * ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์อมตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : ถังเก็บน้ำใต้ดิน อาคาร A
GPS. Coordinate : 47 P 704328 E 1434506 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68079
Sample No : W68079/4
Sample Type : Water Supply
Sampling Date : 16 October 2025
Sampling Time : 01.17 p.m.
Received Date : 17 October 2025
Analytical Date : 17 October – 06 November 2025
Report Date : 07 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Odor *	-	Threshold Odor Test (2150 B)	Not Objectionability	-
True Color ^{*, 2/}	Pt-Co	APHA:2120 B ^{3/}	< 5	≤ 15
Turbidity ^{*, 2/}	NTU	APHA:2130 B ^{3/}	0.66	≤ 5
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.

M

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มัตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : ถังเก็บน้ำใต้ดิน อาคาร B
GPS. Coordinate : 47 P 704439 E 1434505 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68079
Sample No : W68079/5
Sample Type : Water Supply
Sampling Date : 16 October 2025
Sampling Time : 01.29 p.m.
Received Date : 17 October 2025
Analytical Date : 17 October – 06 November 2025
Report Date : 07 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Odor *	-	Threshold Odor Test (2150 B)	Not Objectionability	-
True Color ^{*, 2/}	Pt-Co	APHA:2120 B ^{3/}	< 5	≤ 15
Turbidity ^{*, 2/}	NTU	APHA:2130 B ^{3/}	0.22	≤ 5
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

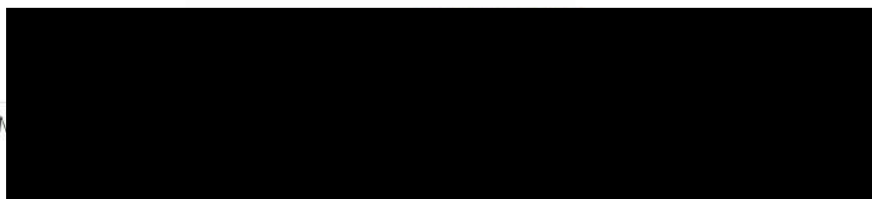
Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์อมตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี 20150
Sampling Point : ถังเก็บน้ำชั้นดาดฟ้า อาคาร A
GPS. Coordinate : 47 P 704369 E 1434529 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68079
Sample No : W68079/6
Sample Type : Water Supply
Sampling Date : 16 October 2025
Sampling Time : 01.22 p.m.
Received Date : 17 October 2025
Analytical Date : 17 October – 06 November 2025
Report Date : 07 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Odor *	-	Threshold Odor Test (2150 B)	Not Objectionability	-
True Color * ^{2/}	Pt-Co	APHA:2120 B ^{3/}	< 5	≤ 15
Turbidity * ^{2/}	NTU	APHA:2130 B ^{3/}	0.63	≤ 5
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

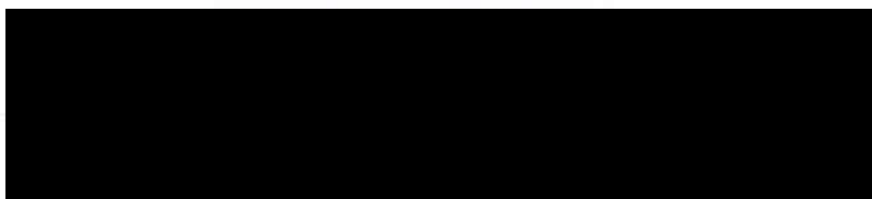
Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

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ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์อมตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : ถังเก็บน้ำชั้นดาดฟ้า อาคาร B
GPS. Coordinate : 47 P 704441 E 1434402 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Customer Code : W68079
Sample No : W68079/7
Sample Type : Water Supply
Sampling Date : 16 October 2025
Sampling Time : 01.34 p.m.
Received Date : 17 October 2025
Analytical Date : 17 October – 06 November 2025
Report Date : 07 November 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
Odor *	-	Threshold Odor Test (2150 B)	Not Objectionability	-
True Color *, ^{2/}	Pt-Co	APHA:2120 B ^{3/}	< 5	≤ 15
Turbidity *, ^{2/}	NTU	APHA:2130 B ^{3/}	0.43	≤ 5
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

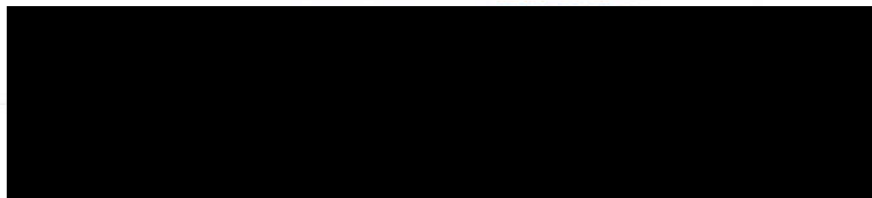
Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์อมตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง จังหวัดชลบุรี 20150
Sampling Point : บริเวณบ่อดรวจรระบายน้ำ
GPS. Coordinate : 47 P 704450 E 1434485 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

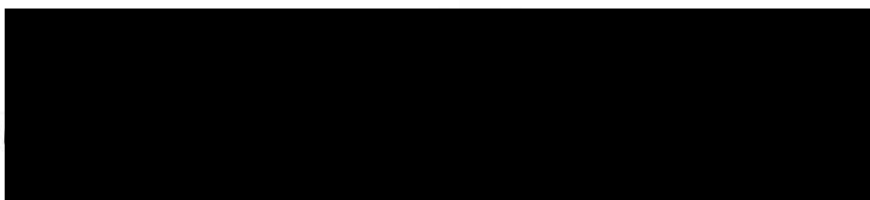
Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/1
Sample Type : Wastewater
Sampling Date : 13 November 2025
Sampling Time : 03.57 p.m.
Received Date : 14 November 2025
Analytical Date : 14 November – 02 December 2025
Report Date : 03 December 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.8 °C	-	Electrometric Method (4500-H ⁺ B)	7.2	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	25.8	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	483	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Modification Method (4500-O C, 5210 B)	81.9	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.76	≤ 1.0
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.8	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1	-
Total Kjeldahl Nitrogen *, ^{2/}	mg/L	APHA : 4500-Norg (B) ^{3/}	68	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Smelly		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type A.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.
^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.
^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.
* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตินุศลาคารชุด เดอะ ปาล์ม วงศ์มัทย์ บีช คอนโดมิเนียม
 Project Name : โครงการอาคารชุด The Palm
 Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
 จังหวัดชลบุรี 20150
 Sampling Point : สระว่ายน้ำส่วนลึก
 GPS. Coordinate : 47 P 704313 E 1434524 N
 Sampling By : TNP ENVIRONMENT CO.,LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
 Sample No. : W68079/2
 Sample Type : Swimming pool Water
 Sampling Date : 13 November 2025
 Sampling Time : 03.51 p.m.
 Received Date : 14 November 2025
 Analytical Date : 14 November – 02 December 2025
 Report Date : 03 December 2025

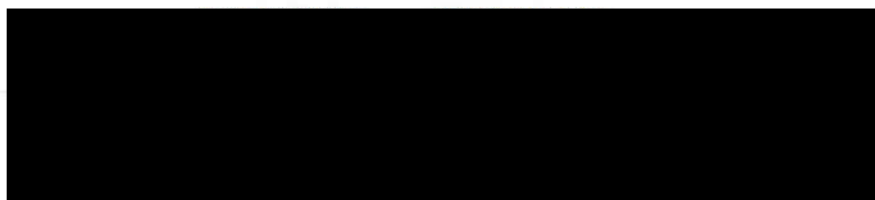
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.3 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> *. ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> *. ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มายุ บิซ คอนโดมิเนียม
 Project Name : โครงการอาคารชุด The Palm
 Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
 จังหวัดชลบุรี 20150
 Sampling Point : สระว่ายน้ำส่วนต้น
 GPS. Coordinate : 47 P 704327 E 1434522 N
 Sampling By : TNP ENVIRONMENT CO.,LTD.
 Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
 Sample No. : W68079/3
 Sample Type : Swimming pool Water
 Sampling Date : 13 November 2025
 Sampling Time : 03.50 p.m.
 Received Date : 14 November 2025
 Analytical Date : 14 November – 02 December 2025
 Report Date : 03 December 2025

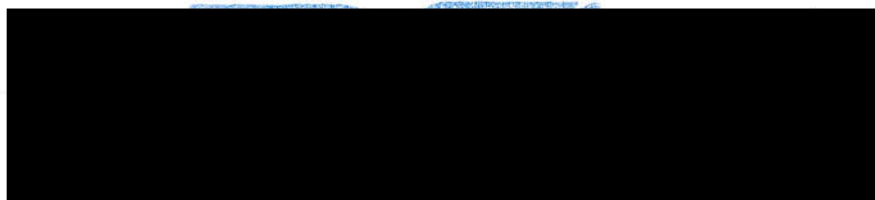
Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.0 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> *, ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> *, ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิตินุศลอคารชุด เดอะ ปาล์ม วงศ์อมตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : บริเวณบ่อตรวจระบายน้ำ
GPS. Coordinate : 47 P 704441 E 1434488 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/1
Sample Type : Wastewater
Sampling Date : 11 December 2025
Sampling Time : 02.14 p.m.
Received Date : 12 December 2025
Analytical Date : 12 - 29 December 2025
Report Date : 07 January 2026

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 25.1 °C	-	Electrometric Method (4500-H ⁺ B)	7.3	5.5-9.0
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	26.5	≤ 30
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	647	≤ 1,000
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Modification Method (4500-O G, 5210 B)	75.0	≤ 20
Sulfide *	mg/L	Iodometric Method (4500-S ²⁻ F)	1.10	≤ 1.0
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	2.6	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1	-
Total Kjeldahl Nitrogen *, ^{2/}	mg/L	APHA : 4500-Norg (B) ^{3/}	66	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Smelly		

Standard : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type A.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

^{3/} Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23rd edition 2017.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.



ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มัตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนลึก
GPS. Coordinate : 47 P 704319 E 1434511 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/2
Sample Type : Swimming pool Water
Sampling Date : 11 December 2025
Sampling Time : 02.10 p.m.
Received Date : 12 December 2025
Analytical Date : 12 - 24 December 2025
Report Date : 25 December 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.2 °C	-	Electrometric Method (4500-H ⁺ B)	7.8	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> *, ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> *, ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

* This item is out the scope ISO/IEC 17025:2017 Accreditation.

ANALYSIS REPORT

Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด เดอะ ปาล์ม วงศ์มัตย์ บีช คอนโดมิเนียม
Project Name : โครงการอาคารชุด The Palm
Address Project : เลขที่ 182/18 หมู่ 5 ตำบลนาเกลือ อำเภอบางละมุง
จังหวัดชลบุรี 20150
Sampling Point : สระว่ายน้ำส่วนต้น
GPS. Coordinate : 47 P 704326 E 1434513 N
Sampling By : TNP ENVIRONMENT CO.,LTD.
Sampling Method : Grab Sampling

Data Provided by Laboratory

Report No. : W68079
Sample No. : W68079/3
Sample Type : Swimming pool Water
Sampling Date : 11 December 2025
Sampling Time : 02.10 p.m.
Received Date : 12 December 2025
Analytical Date : 12 - 24 December 2025
Report Date : 25 December 2025

Parameter	Unit	Analytical Method ^{1/}	Result	Standard
pH at 23.3 °C	-	Electrometric Method (4500-H ⁺ B)	7.6	7.2-8.4
Chlorine *	mg/L	Iodometric Method (4500-Cl B)	0.7	0.6-1.0
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
<i>Staphylococcus aureus</i> *, ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 B	Not Detected	Not Detected
<i>Pseudomonas aeruginosa</i> *, ^{2/}	/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th Edition, 2023, Part 9213 E	Not Detected	Not Detected
Sample Appearance		Clear/Odorless		

Standard : Public Health Commission Recommendation (No. 1) B.E. 2550 (2007), on the control of the operation swimming pools or other.

Remark ^{1/} Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24th edition 2023.

^{2/} Analyzed by Bureau Veritas AQ Lab (Thailand) Company Limited registration number Wo-313.

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