

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
Project Name : โครงการอาคารชุด KEEN SRIRACHA  
Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
Sampling Point : บ่อตรวจคุณภาพน้ำจากระบบบำบัดน้ำเสีย  
GPS. Coordinate : 47 P 709375 E 1456584 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

### Data Provided by Laboratory

Report No. : W68005  
Sample No. : W68005/1  
Sample Type : Wastewater  
Sampling Date : 09 January 2025  
Sampling Time : 11.15 a.m.  
Received Date : 10 January 2025  
Analytical Date : 10 – 17 January 2025  
Report Date : 20 January 2025

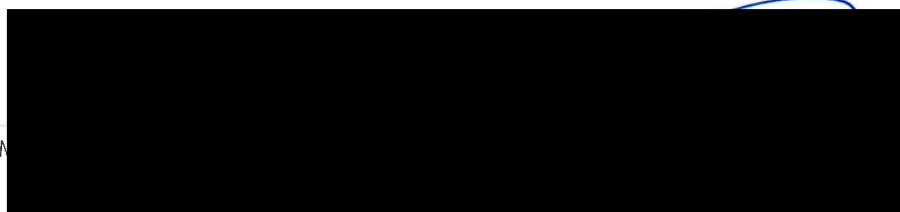
Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
pH at 25 °C	-	Electrometric Method (4500-H <sup>+</sup> B)	7.1	5.5-9.0
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	266	≤ 1,000
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	33.7	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	48.9	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.2	-
Sulfide *	mg/L	Iodometric Method (4500-S <sup>2-</sup> F)	0.81	≤ 1.0
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Total Kjeldahl Nitrogen <sup>2/</sup>	mg/L	Based on Standard Methods for Examination of Water and Wastewater, APHA, AWWA, WEF, 24 <sup>th</sup> Edition 2023, part 4500-Norg B and part 4500-NH <sub>3</sub> C.	55.84	≤ 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** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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



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Project Name : โครงการอาคารชุด KEEN SRIRACHA  
Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
Sampling Point : บ่อตรวจคุณภาพน้ำจากระบบบำบัดน้ำเสีย  
GPS. Coordinate : 47 P 709374 E 1456581 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

**Data Provided by Laboratory**

Report No. : W68005  
Sample No. : W68005/1  
Sample Type : Wastewater  
Sampling Date : 04 February 2025  
Sampling Time : 09.14 a.m.  
Received Date : 05 February 2025  
Analytical Date : 05 – 13 February 2025  
Report Date : 14 February 2025

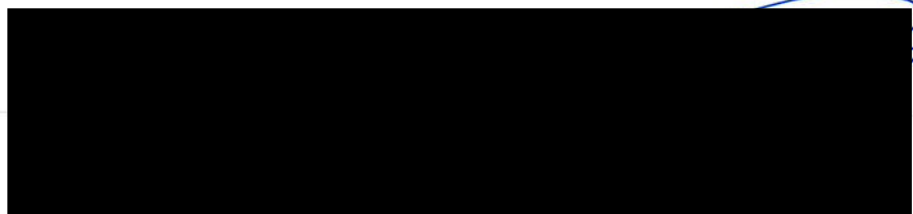
Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
pH at 22.3 °C	-	Electrometric Method (4500-H <sup>+</sup> B)	7.3	5.5-9.0
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	308	≤ 1,000
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	17.7	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	14.8	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Sulfide *	mg/L	Iodometric Method (4500-S <sup>2-</sup> F)	< 0.60	≤ 1.0
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Total Kjeldahl Nitrogen * <sup>2/</sup>	mg/L	Based on Standard Methods for Examination of Water and Wastewater, APHA, AWWA, WEF, 24 <sup>th</sup> Edition 2023, part 4500-Norg B and part 4500-NH <sub>3</sub> C.	25.67	≤ 35
Sample Appearance		Yellow/Turbid/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** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number W0-197.

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



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 Project Name : โครงการอาคารชุด KEEN SRIRACHA  
 Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
 Sampling Point : ปอดตรวจคุณภาพน้ำจากระบบบำบัดน้ำเสีย  
 GPS. Coordinate : 47 P 709365 E 1456585 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

**Data Provided by Laboratory**

Report No. : W68005  
 Sample No. : W68005/1  
 Sample Type : Wastewater  
 Sampling Date : 07 March 2025  
 Sampling Time : 09.29 a.m.  
 Received Date : 08 March 2025  
 Analytical Date : 08 – 21 March 2025  
 Report Date : 24 March 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
pH at 27.6 °C	-	Electrometric Method (4500-H <sup>+</sup> B)	7.4	5.5-9.0
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	314	≤ 1,000
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	29.2	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	22.3	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	< 0.1	-
Sulfide *	mg/L	Iodometric Method (4500-S <sup>2-</sup> F)	< 0.60	≤ 1.0
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Total Kjeldahl Nitrogen * <sup>2/</sup>	mg/L	APHA:4500-Norg (B) <sup>3/</sup>	43	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Smelly		

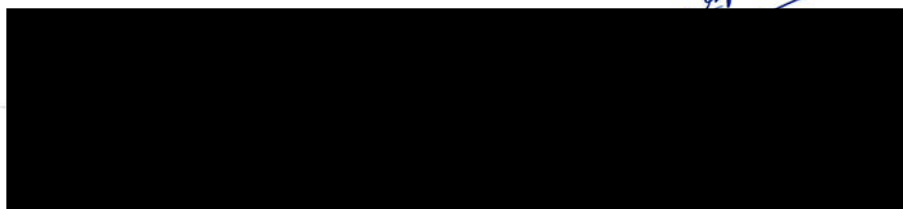
**Standard :** Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type A.

**Remark <sup>1/</sup>** Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

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



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Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
Project Name : โครงการอาคารชุด KEEN SRIRACHA  
Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
Sampling Point : บ่อตรวจคุณภาพน้ำจากระบบบำบัดน้ำเสีย  
GPS. Coordinate : 47 P 709375 E 1456588 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

**Data Provided by Laboratory**

Report No. : W68005  
Sample No. : W68005/1  
Sample Type : Wastewater  
Sampling Date : 03 April 2025  
Sampling Time : 09.59 a.m.  
Received Date : 04 April 2025  
Analytical Date : 04 – 23 April 2025  
Report Date : 24 April 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
pH at 22.8 °C	-	Electrometric Method (4500-H <sup>+</sup> B)	7.3	5.5-9.0
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	269	≤ 1,000
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	10.0	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	29.2	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.1	-
Sulfide *	mg/L	Iodometric Method (4500-S <sup>2-</sup> F)	< 0.60	≤ 1.0
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Total Kjeldahl Nitrogen * <sup>2/</sup>	mg/L	APHA:4500-Norg (B) <sup>3/</sup>	31	≤ 35
Sample Appearance		Yellow/Turbid/Little Sediment/Smelly		

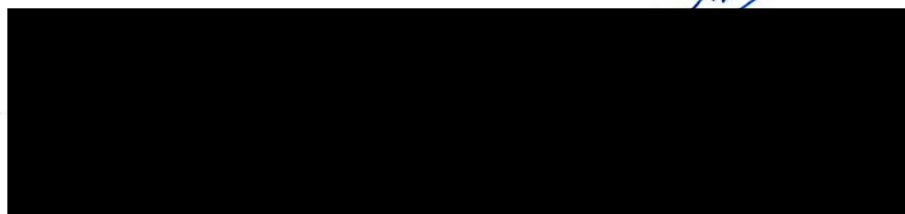
**Standard** : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024). , Building type A.

**Remark** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

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



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**Data Provided by Customer**

**Customer Name :** นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
**Project Name :** โครงการ อาคารชุด KEEN SRIRACHA  
**Address Project :** เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
**Sampling Point :** บ่อตรวจคุณภาพน้ำจากระบบบำบัดน้ำเสีย  
**GPS. Coordinate :** 47P 709390 E 1456613 N  
**Sampling By :** TNP ENVIRONMENT CO., LTD.  
**Sampling Method :** Grab Sampling

**Data Provided by Laboratory**

**Report No. :** W68005  
**Sample No. :** W68005/1  
**Sample Type :** Wastewater  
**Sampling Date :** 07 May 2025  
**Sampling Time :** 08.32 a.m.  
**Received Date :** 08 May 2025  
**Analytical Date :** 08 – 22 May 2025  
**Report Date :** 23 May 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
pH at 25.2 °C	-	Electrometric Method (4500-H <sup>+</sup> B)	7.2	5.5 - 9.0
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	440	≤ 1,000
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	29.8	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Membrane Electrode Method (4500-O G, 5210 B)	11.9	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	4.0	-
Sulfide *	mg/L	Iodometric Method (4500-S <sup>2-</sup> F)	< 0.60	≤ 1.0
Fat, Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Total Kjeldahl Nitrogen * <sup>2/</sup>	mg/L	APHA:4500-Norg (B) <sup>3/</sup>	31	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

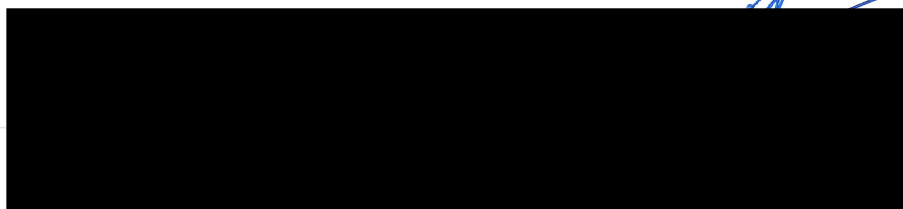
**Standard :** Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type A.

**Remark <sup>1/</sup>** Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

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



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Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
Project Name : โครงการ อาคารชุด KEEN SRIRACHA  
Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
Sampling Point : บ่อตรวจคุณภาพน้ำจากระบบบำบัดน้ำเสีย  
GPS. Coordinate : 47P 709382 E 1456579 N  
Sampling By : TNP ENVIRONMENT CO., LTD.  
Sampling Method : Grab Sampling

### Data Provided by Laboratory

Report No. : W68005  
Sample No. : W68005/1  
Sample Type : Wastewater  
Sampling Date : 03 June 2025  
Sampling Time : 08.06 a.m.  
Received Date : 04 June 2025  
Analytical Date : 03 – 18 June 2025  
Report Date : 19 June 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
pH at 24.7 °C	-	Electrometric Method (4500-H <sup>+</sup> B)	7.2	5.5 - 9.0
Total Dissolved Solids	mg/L	Dried at 180 °C (2540 C)	343	≤ 1,000
Total Suspended Solids	mg/L	Dried at 103-105 °C (2540 D)	29.3	≤ 30
Biochemical Oxygen Demand *	mg/L	5-Day BOD Test, Azide Modification (4500-O C, 5210 B)	14.3	≤ 20
Settleable Solids *	mL/L	Imhoff Cone (2540 F)	0.2	-
Sulfide *	mg/L	Iodometric Method (4500-S <sup>2-</sup> F)	< 0.60	≤ 1.0
Oil and Grease *	mg/L	Liquid-Liquid Partition Gravimetric Method (5520 B)	< 2.0	≤ 20
Total Kjeldahl Nitrogen * <sup>2/</sup>	mg/L N	APHA:4500-Norg (B) <sup>3/</sup>	11	≤ 35
Sample Appearance		Yellow/Turbid/Sediment/Odorless		

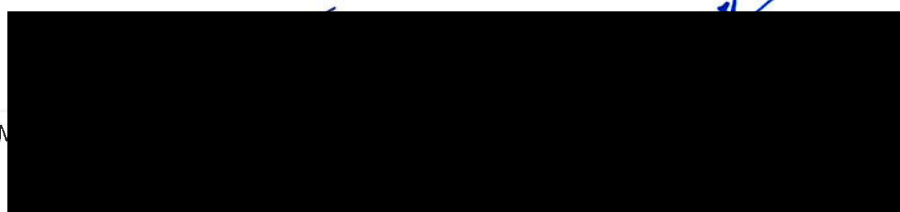
**Standard** : Notification of the Ministry of Natural Resources and Environment, under Enhancement and Conservation of National Environmental Quality Act, B.E. 2567 (2024), Building type A.

**Remark** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

\* 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-TISI-TIS 17025

Testing 1679

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : นิตบุคคโลคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
Project Name : โครงการอาคารชุด KEEN SRIRACHA  
Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
Sampling Point : สระว่ายน้ำส่วนต้น  
GPS. Coordinate : 47 P 709421 E 1456559 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

### Data Provided by Laboratory

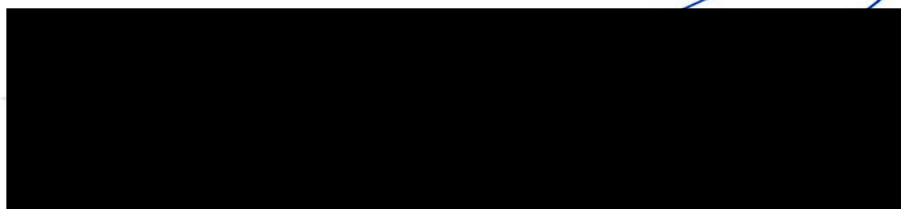
Customer Code : W68005  
Sample No : W68005/4  
Sample Type : Swimming pool Water  
Sampling Date : 09 January 2025  
Sampling Time : 11.54 a.m.  
Received Date : 10 January 2025  
Analytical Date : 10 – 17 January 2025  
Report Date : 20 January 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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 <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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 จังหวัดชลบุรี 20110  
 Sampling Point : สระว่ายน้ำส่วนลึก  
 GPS. Coordinate : 47 P 709422 E 1456577 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

**Data Provided by Laboratory**

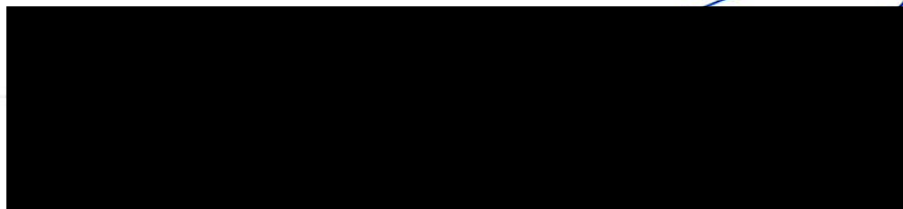
Customer Code : W68005  
 Sample No : W68005/5  
 Sample Type : Swimming pool Water  
 Sampling Date : 09 January 2025  
 Sampling Time : 11.53 a.m.  
 Received Date : 10 January 2025  
 Analytical Date : 10 – 17 January 2025  
 Report Date : 20 January 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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 <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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 Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
 Sampling Point : สระว่ายน้ำส่วนต้น  
 GPS. Coordinate : 47 P 709425 E 1456553 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

**Data Provided by Laboratory**

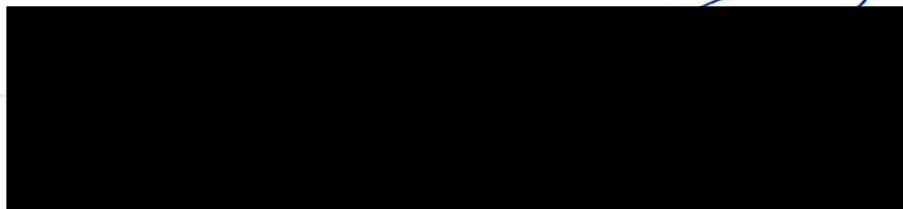
Customer Code : W68005  
 Sample No : W68005/2  
 Sample Type : Swimming pool Water  
 Sampling Date : 04 February 2025  
 Sampling Time : 09.09 a.m.  
 Received Date : 05 February 2025  
 Analytical Date : 05 – 13 February 2025  
 Report Date : 14 February 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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 <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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 Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
 Sampling Point : สระว่ายน้ำส่วนต้น  
 GPS. Coordinate : 47 P 709339 E 1456667 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

**Data Provided by Laboratory**

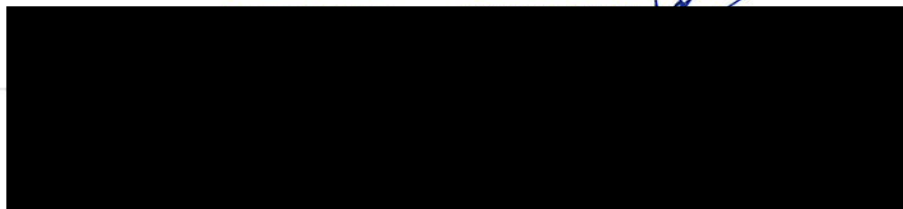
Customer Code : W68005  
 Sample No : W68005/2  
 Sample Type : Swimming pool Water  
 Sampling Date : 07 March 2025  
 Sampling Time : 09.23 a.m.  
 Received Date : 08 March 2025  
 Analytical Date : 08 – 21 March 2025  
 Report Date : 24 March 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
 Project Name : โครงการอาคารชุด KEEN SRIRACHA  
 Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
 Sampling Point : สระว่ายน้ำส่วนเล็ก  
 GPS. Coordinate : 47 P 709418 E 1456574 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

### Data Provided by Laboratory

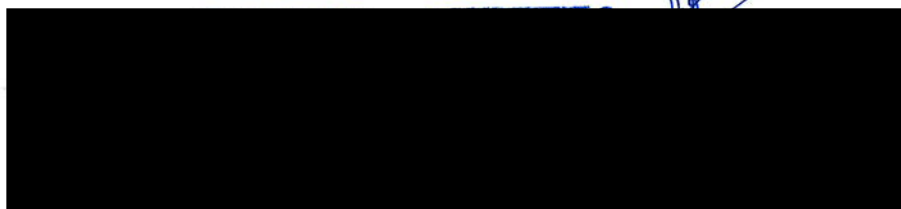
Customer Code : W68005  
 Sample No : W68005/3  
 Sample Type : Swimming pool Water  
 Sampling Date : 07 March 2025  
 Sampling Time : 09.22 a.m.  
 Received Date : 08 March 2025  
 Analytical Date : 08 – 21 March 2025  
 Report Date : 24 March 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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



## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
 Project Name : โครงการอาคารชุด KEEN SRIRACHA  
 Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
 Sampling Point : สระว่ายน้ำส่วนต้น  
 GPS. Coordinate : 47 P 709420 E 1456567 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

**Data Provided by Laboratory**

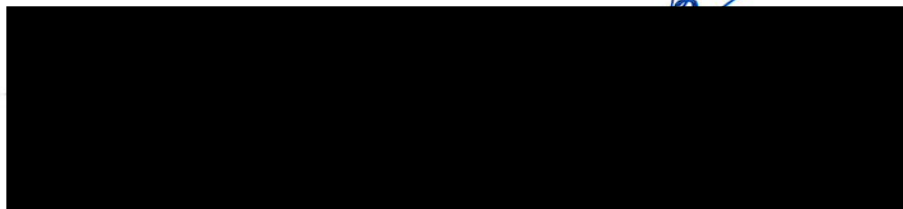
Customer Code : W68005  
 Sample No : W68005/4  
 Sample Type : Swimming pool Water  
 Sampling Date : 03 April 2025  
 Sampling Time : 09.39 a.m.  
 Received Date : 04 April 2025  
 Analytical Date : 04 – 23 April 2025  
 Report Date : 24 April 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
 Project Name : โครงการอาคารชุด KEEN SRIRACHA  
 Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
 Sampling Point : สระว่ายน้ำส่วนลึก  
 GPS. Coordinate : 47 P 709458 E 1456577 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

### Data Provided by Laboratory

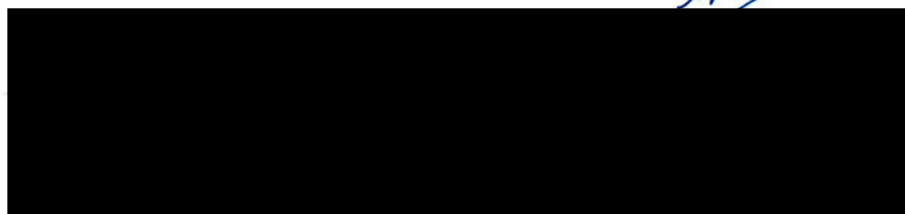
Customer Code : W68005  
 Sample No : W68005/5  
 Sample Type : Swimming pool Water  
 Sampling Date : 03 April 2025  
 Sampling Time : 09.38 a.m.  
 Received Date : 04 April 2025  
 Analytical Date : 04 – 23 April 2025  
 Report Date : 24 April 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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 <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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

## ANALYSIS REPORT

**Data Provided by Customer**

**Customer Name** : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
**Project Name** : โครงการอาคารชุด KEEN SRIRACHA  
**Address Project** : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
**Sampling Point** : สระว่ายน้ำ ส่วนดิน  
**GPS. Coordinate** : 47P 709424 E 1456570 N  
**Sampling By** : TNP ENVIRONMENT CO., LTD.  
**Sampling Method** : Grab Sampling

**Data Provided by Laboratory**

**Customer Code** : W68005  
**Sample No** : W68005/2  
**Sample Type** : Swimming pool Water  
**Sampling Date** : 07 May 2025  
**Sampling Time** : 08.26 a.m.  
**Received Date** : 08 May 2025  
**Analytical Date** : 08 – 19 May 2025  
**Report Date** : 20 May 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
Project Name : โครงการอาคารชุด KEEN SRIRACHA  
Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
Sampling Point : สระว่ายน้ำ ส่วนเล็ก  
GPS. Coordinate : 47P 709420 E 1456575 N  
Sampling By : TNP ENVIRONMENT CO., LTD.  
Sampling Method : Grab Sampling

### Data Provided by Laboratory

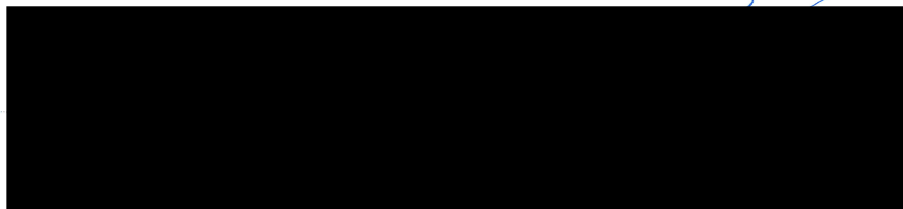
Customer Code : W68005  
Sample No : W68005/3  
Sample Type : Swimming pool Water  
Sampling Date : 07 May 2025  
Sampling Time : 08.25 a.m.  
Received Date : 08 May 2025  
Analytical Date : 08 – 19 May 2025  
Report Date : 20 May 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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 <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

\* 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-TISI-TIS 17025

Testing 1679

## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
Project Name : โครงการอาคารชุด KEEN SRIRACHA  
Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
Sampling Point : สระว่ายน้ำ ส่วนต้น  
GPS. Coordinate : 47P 709393 E 1456251 N  
Sampling By : TNP ENVIRONMENT CO., LTD.  
Sampling Method : Grab Sampling

### Data Provided by Laboratory

Customer Code : W68005  
Sample No : W68005/2  
Sample Type : Swimming pool Water  
Sampling Date : 03 June 2025  
Sampling Time : 08.01 a.m.  
Received Date : 04 June 2025  
Analytical Date : 03 – 18 June 2025  
Report Date : 19 June 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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

## ANALYSIS REPORT

**Data Provided by Customer**

**Customer Name** : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
**Project Name** : โครงการอาคารชุด KEEN SRIRACHA  
**Address Project** : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
**Sampling Point** : สระว่ายน้ำ ส่วนลึก  
**GPS. Coordinate** : 47P 709501 E 1456581 N  
**Sampling By** : TNP ENVIRONMENT CO., LTD.  
**Sampling Method** : Grab Sampling

**Data Provided by Laboratory**

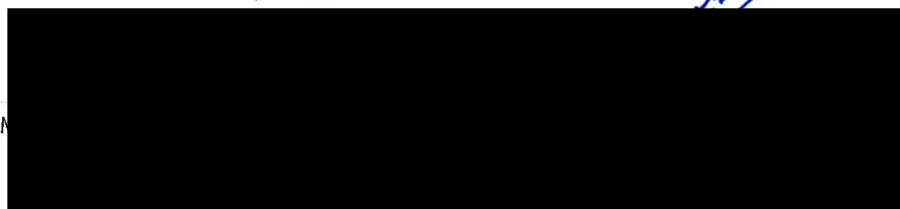
**Customer Code** : W68005  
**Sample No** : W68005/3  
**Sample Type** : Swimming pool Water  
**Sampling Date** : 03 June 2025  
**Sampling Time** : 08.00 a.m.  
**Received Date** : 04 June 2025  
**Analytical Date** : 03 – 18 June 2025  
**Report Date** : 19 June 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
Total Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 B)	< 1.8	< 10
Fecal Coliform Bacteria *	MPN/100 mL	Multiple-Tube Fermentation Technique (9221 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** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

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



บริษัท ทีเอ็นพี เอ็นไวรอนเมนต์ จำกัด

## ANALYSIS REPORT

**Data Provided by Customer**

Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
Project Name : โครงการอาคารชุด KEEN SRIRACHA  
Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
Sampling Point : ถังเก็บน้ำใต้ดิน  
GPS. Coordinate : 47 P 709434 E 1456586 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

**Data Provided by Laboratory**

Customer Code : W68005  
Sample No : W68005/2  
Sample Type : Water Supply  
Sampling Date : 09 January 2025  
Sampling Time : 11.11 a.m.  
Received Date : 10 January 2025  
Analytical Date : 10 – 17 January 2025  
Report Date : 20 January 2025

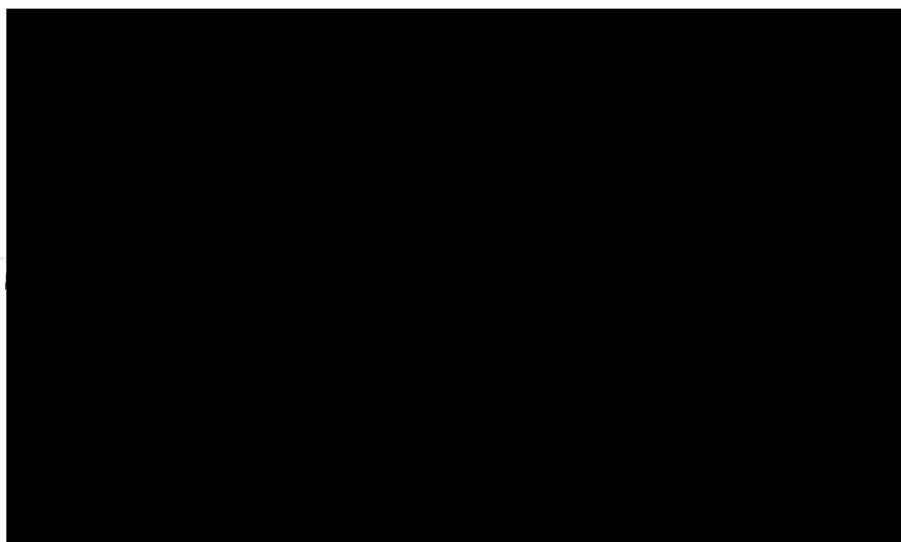
Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Turbidity * <sup>2/</sup>	NTU	Nephelometric Method (2130 B)	0.70	≤ 5
Color * <sup>2/</sup>	Pt-Co	Spectrophotometric Method (2120 C)	< 1.0	≤ 15
Odour *	-	Threshold Odor Test (2150 B)	ไม่เป็นที่พึงรังเกียจ	-
Sample Appearance		Clear/Odorless		

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

Remark <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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



## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
Project Name : โครงการอาคารชุด KEEN SRIRACHA  
Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
จังหวัดชลบุรี 20110  
Sampling Point : ถังเก็บน้ำดาดฟ้า  
GPS. Coordinate : 47 P 709417 E 1456595 N  
Sampling By : TNP ENVIRONMENT CO.,LTD.  
Sampling Method : Grab Sampling

### Data Provided by Laboratory

Customer Code : W68005  
Sample No : W68005/3  
Sample Type : Water Supply  
Sampling Date : 09 January 2025  
Sampling Time : 11.01 a.m.  
Received Date : 10 January 2025  
Analytical Date : 10 – 17 January 2025  
Report Date : 20 January 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Turbidity * <sup>2/</sup>	NTU	Nephelometric Method (2130 B)	0.50	≤ 5
Color * <sup>2/</sup>	Pt-Co	Spectrophotometric Method (2120 C)	< 1.0	≤ 15
Odour *	-	Threshold Odor Test (2150 B)	ไม่เป็นที่พึงรังเกียจ	-
Sample Appearance		Clear/Odorless		

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

**Remark** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by SGS (Thailand) Limited, Environmental Laboratory (Rayong Branch) registration number Wo-197.

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

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## ANALYSIS REPORT

### Data Provided by Customer

Customer Name : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
 Project Name : โครงการอาคารชุด KEEN SRIRACHA  
 Address Project : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
 Sampling Point : ถังเก็บน้ำใต้ดิน  
 GPS. Coordinate : 47 P 709398 E 1456576 N  
 Sampling By : TNP ENVIRONMENT CO.,LTD.  
 Sampling Method : Grab Sampling

### Data Provided by Laboratory

Customer Code : W68005  
 Sample No : W68005/2  
 Sample Type : Water Supply  
 Sampling Date : 03 April 2025  
 Sampling Time : 09.54 a.m.  
 Received Date : 04 April 2025  
 Analytical Date : 04 – 23 April 2025  
 Report Date : 24 April 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Turbidity * <sup>2/</sup>	NTU	APHA:2130 B	0.16	≤ 5
Color * <sup>2/</sup>	Pt-Co	APHA:2120 B	< 5	≤ 15
Odour *	-	Threshold Odor Test (2150 B)	ไม่เป็นที่พึงรังเกียจ	-
Sample Appearance		Clear/ Odorless		

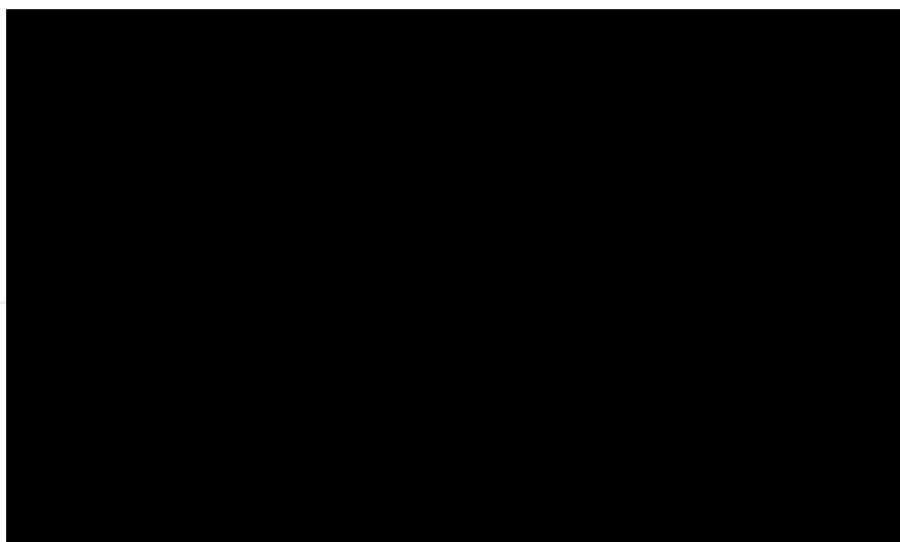
Standard : The Department of Health, Criterias of Supplied Drinkable Water Quality, B.E. 2563

Remark <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

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



## ANALYSIS REPORT

**Data Provided by Customer**

**Customer Name** : นิติบุคคลอาคารชุด คีน ศรีราชา (KEEN SRIRACHA)  
**Project Name** : โครงการอาคารชุด KEEN SRIRACHA  
**Address Project** : เลขที่ 101 ถนนสุขุมวิท ตำบลศรีราชา อำเภอศรีราชา  
 จังหวัดชลบุรี 20110  
**Sampling Point** : ถังเก็บน้ำาดฟ้า  
**GPS. Coordinate** : 47 P 709430 E 1456614 N  
**Sampling By** : TNP ENVIRONMENT CO.,LTD.  
**Sampling Method** : Grab Sampling

**Data Provided by Laboratory**

**Customer Code** : W68005  
**Sample No** : W68005/3  
**Sample Type** : Water Supply  
**Sampling Date** : 03 April 2025  
**Sampling Time** : 09.44 a.m.  
**Received Date** : 04 April 2025  
**Analytical Date** : 04 – 23 April 2025  
**Report Date** : 24 April 2025

Parameter	Unit	Analytical Method <sup>1/</sup>	Result	Standard
<i>Escherichia coli</i> *	/100 mL	Multiple-Tube Fermentation Technique (9221 F)	Not Detected	Not Detected
Turbidity * <sup>2/</sup>	NTU	APHA:2130 B	0.30	≤ 5
Color * <sup>2/</sup>	Pt-Co	APHA:2120 B	< 5	≤ 15
Odour *	-	Threshold Odor Test (2150 B)	ไม่เป็นที่พึงรังเกียจ	-
Sample Appearance		Clear/ Odorless		

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

**Remark** <sup>1/</sup> Standard Methods for the Examination of Water and Wastewater., APHA, AWWA, WEF, 24<sup>th</sup> edition 2023.

<sup>2/</sup> Analyzed by Environment & Laboratory Co., Ltd. registration number Wo-029.

<sup>3/</sup> Standard Methods for the Examination of Water and Wastewater, APHA, AWWA, WEF, 23<sup>rd</sup> edition 2017.

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

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