

## TEST REPORT

**CLIENT DETAILS**

**Client Name:** Zhangjiagang Xinlong Dyeing Co., Ltd.  
**Client Contact:** Chenjun Qian  
**Telephone:** 18906242868  
**E-mail:** [394703723@qq.com](mailto:394703723@qq.com)  
**Address:** South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

**LABORATORY DETAILS**

**SGS Affiliate:** SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
**SGS Contact:** Lily Li  
**Telephone:** +86(021) 61072854  
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**FACTORY DETAILS**

**Factory Name:** Zhangjiagang Xinlong Dyeing Co., Ltd.  
**Factory Contact:** Chenjun Qian  
**Telephone:** 18906242868  
**E-mail:** [394703723@qq.com](mailto:394703723@qq.com)  
**Address:** South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province  
**Types of Mills:** (3) Fabric Dyeing, Finishing, Washing  
**On-Site ETP:** Yes  
**Discharge Destination:** To Centralized Waste Water Treatment Plant  
**Name of Municipal/Centralized ETP:** Zhangjiagang Tangqiao Town Sewage Treatment Co., Ltd.  
**Address of Municipal/Centralized ETP:** No. 1539 Nanhuan Road, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

**SAMPLE AND TESTING DETAILS**

**Sampling Country:** SGS Shanghai  
**ZDHC Approved Sampler & Cert. No.:** C74D106817275  
**Sampling Date:** 08-04-2025  
**Sample Received Date:** 09-04-2025  
**Test Performing Period:** 09-04-2025 to 22-04-2025  
**Sample Received Temperature:** 7.1 °C  
**No. of Samples:** Water (3); Sludge (1)  
**Sample Descriptions:** 1) Incoming Water(Grab)  
 2) Untreated Wastewater (Grab)  
 3) Effluent (Grab)  
 4) Sludge (Grab)  
**Sample Volume:** 1) Incoming Water (12L)  
 2) Untreated Wastewater (12L)  
 3) Effluent (4L)  
 4) Sludge (1.5Kg)  
**Testing Institute:** SGS Shanghai  
**Discharge Method:** Indirect Discharge with Pretreatment (with Sludge)

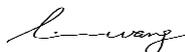
**OVERALL RESULTS**

	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate
Conventional Parameters / Anions / Metals:	-	-	Fulfill Aspirational Limit	-	-
MRSL Parameters:	Not Detected	Detected	-	Sample and Report Only	-

**REMARKS**

1. This test document cannot be reproduced in any way, except in full content, without prior approval in writing by the laboratory.
2. The results shown in this test report refer only to the sampling and the sample(s) tested unless otherwise stated.

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd



**Linda Wang**  
**Chemical Manager**

**RESULT SUMMARY**

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.

Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

TEST ITEMS	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate
Conventional Parameters	-	-	-	Please refer to the information in TEST RESULTS	-
Anions	-	-	-	N/A	-
Metals	N/A	-	O	N/A	N/A
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	N/A	O	-	Sample and report only	-
Antimicrobials and Biocides	N/A	O	-	-	-
Chlorinated Paraffins	N/A	O	-	-	-
Chlorobenzenes and Chlorotoluenes	N/A	O	-	Sample and report only	-
Chlorophenols	N/A	O	-	-	-
N,N-di-methylformamide (DMFa)	N/A	O	-	-	-
Dyes - Carcinogenic or Equivalent Concern	N/A	O	-	-	-
Dyes - Disperse (Allergenic)	N/A	O	-	-	-
Flame Retardants	N/A	O	-	-	-
Glycols / Glycol Ethers	N/A	O	-	-	-
Halogenated Solvents	N/A	O	-	-	-
Organotin Compounds	N/A	O	-	-	-
Other / Miscellaneous Chemicals	O	X	-	-	-
Perfluorinated and Polyfluorinated Chemicals (PFCs)	N/A	O	-	-	-
Phthalates	N/A	O	-	-	-
Polycyclic Aromatic Hydrocarbons (PAHs)	N/A	O	-	Sample and report only	-
Restricted Aromatic Amines	O	X	-	-	-
UV Absorbers	N/A	O	-	-	-
Volatile Organic Compounds (VOC)	N/A	O	-	-	-

Note:

X - Detected

O - Not Detected

N/A - Not Tested / Not Applicable

TEST RESULTS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

		Sample ID	52505297067701-01	52505297067701-03	52505297067701-02	-	-	52505297067701-04	-	-	-	Factory Performances					Local Wastewater Discharge Requirement %	
		Date of Sampling	08-04-2025	08-04-2025	08-04-2025	-	-	08-04-2025	-	-	-							
		Sampling Location	Inlet collection tank	Raw wastewater collection tank	Discharged waste water outlet	-	-	Sludge stacking place	-	-	-							
		Sampling Start Time	10:50	11:30	11:10	-	-	12:00	-	-	-							
		Sampling End Time	11:00	11:40	11:20	-	-	12:10	-	-	-							
		Date of Sample Received	09-04-2025	09-04-2025	09-04-2025	-	-	09-04-2025	-	-	-							
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge $\Phi$	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent
Sample Colour Description	-	-	-	Colorless	Red	Near colorless	-	-	Yellow	-	-	-	-	-	-	-	-	-
Wastewater Flow Rate*	-	-	m <sup>3</sup> /day	-	-	543	-	-	-	-	-	-	-	-	-	-	-	-
Sludge Disposal Pathway	-	-	-	-	-	-	-	-	Pathway A	-	-	-	-	-	-	-	-	-
<b>Conventional Parameters</b>																		
pH	-	-	-	-	-	-	-	-	N/A	-	-	-	-	-	-	N/A	-	N/A
Faecal Coliform	-	-	-	-	-	-	1000	MPN/g	N/A	-	-	-	-	-	-	N/A	-	N/A
Paint Filter Test	-	-	-	-	-	-	Pass	-	N/A	-	-	-	-	-	-	N/A	-	N/A
<b>Anions</b>																		
Cyanide, Total	-	-	-	-	-	-	20	mg/kg	N/A	-	-	-	-	-	-	N/A	-	N/A
<b>Metals</b>																		
Total Antimony (Sb)	-	-	-	-	-	-	5	mg/kg	N/A	0.01	mg/L	N/A	-	-	-	N/A	N/A	N/A
Chromium (VI)	-	0.001	mg/L	N/A	-	n.d.	20	mg/kg	N/A	0.001	mg/L	N/A	N/A	-	Fulfill Aspirational Limit	N/A	N/A	N/A
Total Barium (Ba)	-	-	-	-	-	-	200	mg/kg	N/A	35	mg/L	N/A	-	-	-	N/A	N/A	N/A
Total Selenium (Se)	-	-	-	-	-	-	5	mg/kg	N/A	0.5	mg/L	N/A	-	-	-	N/A	N/A	N/A
Total Arsenic (As)	-	0.005	mg/L	N/A	-	n.d.	5	mg/kg	N/A	0.005	mg/L	N/A	N/A	-	Fulfill Aspirational Limit	N/A	N/A	N/A
Total Chromium (Cr)	-	-	-	-	-	-	50	mg/kg	N/A	0.05	mg/L	N/A	-	-	-	N/A	N/A	N/A
Total Cobalt (Co)	-	-	-	-	-	-	400	mg/kg	N/A	0.01	mg/L	N/A	-	-	-	N/A	N/A	N/A
Total Cadmium (Cd)	-	0.01	mg/L	N/A	-	n.d.	1	mg/kg	N/A	0.01	mg/L	N/A	N/A	-	Fulfill Aspirational Limit	N/A	N/A	N/A
Total Copper (Cu)	-	-	-	-	-	-	50	mg/kg	N/A	0.25	mg/L	N/A	-	-	-	N/A	N/A	N/A
Total Lead (Pb)	-	0.01	mg/L	N/A	-	n.d.	5	mg/kg	N/A	0.01	mg/L	N/A	N/A	-	Fulfill Aspirational Limit	N/A	N/A	N/A
Total Nickel (Ni)	-	-	-	-	-	-	20	mg/kg	N/A	0.05	mg/L	N/A	-	-	-	N/A	N/A	N/A
Total Silver (Ag)	-	-	-	-	-	-	50	mg/kg	N/A	0.005	mg/L	N/A	-	-	-	N/A	N/A	N/A
Total Zinc (Zn)	-	0.1	mg/L	n.d.	2.2	-	400	mg/kg	N/A	0.1	mg/L	N/A	-	-	-	N/A	N/A	N/A
Total Mercury (Hg)	-	0.001	mg/L	N/A	-	n.d.	1	mg/kg	N/A	0.001	mg/L	N/A	N/A	-	Fulfill Aspirational Limit	N/A	N/A	N/A
Total Boron (B)	-	0.1	mg/L	n.d.	0.2	-	-	-	-	-	-	-	-	-	-	-	-	N/A
<b>Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers</b>																		
Nonylphenol ethoxylates (NPEO)	Multiple including: 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	5	µg/L	N/A	n.d.	-	0.4	mg/kg	105.7	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Nonylphenol (NP), mixed isomers	Multiple including: 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3	5	µg/L	N/A	n.d.	-	0.4	mg/kg	64.5	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Octylphenol ethoxylates (OPEO)	Multiple including: 9002-93-1, 9036-19-5, 68997-90-6	5	µg/L	N/A	n.d.	-	0.4	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Octylphenol (OP), mixed isomers	Multiple including: 140-66-9, 1806-26-4, 27193-28-8	5	µg/L	N/A	n.d.	-	0.4	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
<b>Antimicrobials and Biocides</b>																		
o-Phenylphenol (+salts)	90-43-7	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
Triclosan	3380-34-5	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
Permethrin	Multiple including: 52645-53-1	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-

TEST RESULTS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

Sample ID		52505297067701-01	52505297067701-03	52505297067701-02	-	-	52505297067701-04	-	-	-	Factory Performances						Local Wastewater Discharge Requirement %	
Date of Sampling		08-04-2025	08-04-2025	08-04-2025	-	-	08-04-2025	-	-	-								
Sampling Location		Inlet collection tank	Raw wastewater collection tank	Discharged waste water outlet	-	-	Sludge stacking place	-	-	-								
Sampling Start Time		10:50	11:30	11:10	-	-	12:00	-	-	-								
Sampling End Time		11:00	11:40	11:20	-	-	12:10	-	-	-								
Date of Sample Received		09-04-2025	09-04-2025	09-04-2025	-	-	09-04-2025	-	-	-								
Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge <sup>Φ</sup>	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent
<b>Chlorinated Paraffins</b>																		
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	85535-84-8	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
<b>Chlorobenzenes and Chlorotoluenes</b>																		
1,2-Dichlorobenzene	95-50-1	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
Monochlorobenzene	108-90-7	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
1,3-Dichlorobenzene	541-73-1	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
1,4-Dichlorobenzene	106-46-7	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
1,3,5-Trichlorobenzene	108-70-3	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
1,2,3,4-Tetrachlorobenzene	634-66-2	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
1,2,3,5-Tetrachlorobenzene	634-90-2	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
Pentachlorobenzene	608-93-5	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
Hexachlorobenzene	118-74-1	0.2	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2-Chlorotoluene	95-49-8	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
3-Chlorotoluene	108-41-8	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
4-Chlorotoluene	106-43-4	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,3-Dichlorotoluene	32768-54-0	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,4-Dichlorotoluene	95-73-8	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,5-Dichlorotoluene	19398-61-9	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,6-Dichlorotoluene	118-69-4	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
3,4-Dichlorotoluene	95-75-0	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
3,5-Dichlorotoluene	25186-47-4	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,3,4-Trichlorotoluene	7359-72-0	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,3,6-Trichlorotoluene	2077-46-5	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,4,5-Trichlorotoluene	6639-30-1	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,4,6-Trichlorotoluene	23749-65-7	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
3,4,5-Trichlorotoluene	21472-86-6	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,3,4,5-Tetrachlorotoluene	1006-32-2	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,3,4,6-Tetrachlorotoluene	875-40-1	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
2,3,5,6-Tetrachlorotoluene	1006-31-1	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
Pentachlorotoluene	877-11-2	0.2	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	-	Sample and Report Only	-
<b>Chlorophenols</b>																		

TEST RESULTS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge <sup>Φ</sup>	Reporting Limit	Units	Leachate	Factory Performances					Local Wastewater Discharge Requirement %
													Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	
2-Chlorophenol	95-57-8	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,3-Dichlorophenol	576-24-9	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,3,4-Trichlorophenol	15950-66-0	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,3,5-Trichlorophenol	933-78-8	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,3,6-Trichlorophenol	933-75-5	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,4-Dichlorophenol	120-83-2	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,4,5-Trichlorophenol	95-95-4	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,4,6-Trichlorophenol	88-06-2	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,5-Dichlorophenol	583-78-8	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,6-Dichlorophenol	87-65-0	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
3-Chlorophenol	108-43-0	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
3,4-Dichlorophenol	95-77-2	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
3,4,5-Trichlorophenol	609-19-8	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
3,5-Dichlorophenol	591-35-5	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
4-Chlorophenol	106-48-9	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
Pentachlorophenol (PCP)	87-86-5	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
<b>N,N-Di-methylformamide (DMFa)</b>																		
Dimethyl formamide: N,N-Dimethylformamide (DMFa)	68-12-2	1000	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
<b>Dyes - Carcinogenic or Equivalent Concern</b>																		
Basic Violet 3 with >0.1% of Michler's Ketoneb	548-62-9	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Acid Red 26	3761-53-3	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Acid Violet 49	1694-09-3	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Basic Blue 26 (with Michler's Ketone >0.1%)	2580-56-5	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Basic Green 4 (Malachite Green Chloride) <sup>^</sup>	569-64-2	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Basic Green 4 (Malachite Green Oxalate) <sup>^</sup>	2437-29-8	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Basic Green 4 (Malachite Green)	10309-95-2	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Basic Red 9	569-61-9	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Basic Violet 14	632-99-5	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Direct Black 38	1937-37-7	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Direct Blue 6	2602-46-2	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Direct Red 28	573-58-0	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
C.I. Disperse Blue 1	2475-45-8	500	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-

TEST RESULTS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

Items	CAS No.	Sample ID											Factory Performances					Local Wastewater Discharge Requirement %
		52505297067701-01		52505297067701-03		52505297067701-02		-			52505297067701-04		-		-			
		Date of Sampling		08-04-2025		08-04-2025		08-04-2025		-			08-04-2025		-			
		Sampling Location		Inlet collection tank		Raw wastewater collection tank		Discharged waste water outlet		-			Sludge stacking place		-			
		Sampling Start Time		10:50		11:30		11:10		-			12:00		-			
		Sampling End Time		11:00		11:40		11:20		-			12:10		-			
Date of Sample Received		09-04-2025		09-04-2025		09-04-2025		-			09-04-2025		-					
Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge <sup>Φ</sup>	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent		
C.I. Disperse Blue 3	2475-46-9	500	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Orange 11	82-28-0	500	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
<b>Dyes - Disperse (Allergenic)</b>																		
Disperse Blue 102	12222-97-8	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Blue 106	12223-01-7	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Blue 124	61951-51-7	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Blue 26	3860-63-7	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Blue 35	12222-75-2	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Blue 35	56524-77-7	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Blue 7	3179-90-6	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Brown 1	23355-64-8	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Orange 1	2581-69-3	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Orange 3	730-40-5	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Orange 37/59/76	13301-61-6	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Red 1	2872-52-8	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Red 11	2872-48-2	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Red 17	3179-89-3	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Yellow 1	119-15-3	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Yellow 3	2832-40-8	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Yellow 39	12236-29-2	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Yellow 49	54824-37-2	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disperse Yellow 9	6373-73-5	50	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
<b>Flame Retardants</b>																		
Boric acid	10043-35-3, 11113-50-1	500	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Diboron trioxide	1303-86-2	500	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disodium octaborate	12008-41-2	500	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4	500	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Tetraboron disodium heptaoxide, hydrate	12267-73-1	500	µg/L	N/A	See Total Boron (B) Result	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Hexabromocyclodecane (HBCDD)	3194-55-6	25	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Polybromobiphenyls (PBB)	59536-65-1	25	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Monobromobiphenyls (MonoBB)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Monobromodiphenylethers (MonoBDEs)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Dibromobiphenyls (DIBB)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		
Dibromopropylether	21850-44-2	25	µg/L	N/A	n.d.	-	-	-	-	-	N/A	Not Detected	-	-	-	-		

TEST RESULTS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

Items	CAS No.	Sample ID										Factory Performances					Local Wastewater Discharge Requirement %		
		52505297067701-01	52505297067701-03	52505297067701-02	-	-	52505297067701-04	-	-	-	-	-	-						
		Date of Sampling		08-04-2025	08-04-2025	08-04-2025	-	-	08-04-2025	-	-	-	-	-					
		Sampling Location		Inlet collection tank	Raw wastewater collection tank	Discharged waste water outlet	-	-	Sludge stacking place	-	-	-	-	-					
		Sampling Start Time		10:50	11:30	11:10	-	-	12:00	-	-	-	-	-					
		Sampling End Time		11:00	11:40	11:20	-	-	12:10	-	-	-	-	-					
Date of Sample Received		09-04-2025	09-04-2025	09-04-2025	-	-	09-04-2025	-	-	-	-	-							
		Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge <sup>Φ</sup>	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent	
Tribromodiphenylethers (TriBDEs)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Octabromobiphenyls (OctaBB)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Nonabromobiphenyls (NonaBB)	Multiple	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Decabromobiphenyl (DecaBB)	13654-09-6	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Decabromodiphenyl ether (DecaBDE)	1163-19-5	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Tetrabromobisphenol A (TBBPA)	79-94-7	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Tris(1-aziridinyl) phosphine oxide (TEPA)	545-55-1	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Tris(2,3-dibromopropyl)-phosphate (TRIS)	126-72-7	25	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
<b>Glycols / Glycol Ethers</b>																			
2-ethoxyethanol	110-80-5	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
2-ethoxyethyl acetate	111-15-9	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
2-methoxyethanol	109-86-4	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
2-methoxyethylacetate	110-49-6	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
2-methoxypropylacetate	70657-70-4	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Bis(2-methoxyethyl)-ether	111-96-6	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Ethylene glycol dimethylether	110-71-4	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Triethylene glycol dimethylether	112-49-2	50	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
<b>Halogenated Solvents</b>																			
1,2-Dichloroethane	107-06-2	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Methylene chloride	75-09-2	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Tetrachloroethylene	127-18-4	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Trichloroethylene	79-01-6	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
<b>Organotin Compounds</b>																			
Dipropyltin Compounds (DPT)	Multiple including: 867-36-7	0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	
Mono-, di- and tri-butyltin derivatives		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-	

TEST RESULTS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge <sup>Φ</sup>	Reporting Limit	Units	Leachate	Factory Performances					Local Wastewater Discharge Requirement %																																																																														
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<table border="1"> <thead> <tr> <th>Sample ID</th> <td>S2505297067701-01</td> <td>S2505297067701-03</td> <td>S2505297067701-02</td> <td>-</td> <td>-</td> <td>S2505297067701-04</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <th>Date of Sampling</th> <td>08-04-2025</td> <td>08-04-2025</td> <td>08-04-2025</td> <td>-</td> <td>-</td> <td>08-04-2025</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <th>Sampling Location</th> <td>Inlet collection tank</td> <td>Raw wastewater collection tank</td> <td>Discharged waste water outlet</td> <td>-</td> <td>-</td> <td>Sludge stacking place</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <th>Sampling Start Time</th> <td>10:50</td> <td>11:30</td> <td>11:10</td> <td>-</td> <td>-</td> <td>12:00</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <th>Sampling End Time</th> <td>11:00</td> <td>11:40</td> <td>11:20</td> <td>-</td> <td>-</td> <td>12:10</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <th>Date of Sample Received</th> <td>09-04-2025</td> <td>09-04-2025</td> <td>09-04-2025</td> <td>-</td> <td>-</td> <td>09-04-2025</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </thead> </table>													Sample ID	S2505297067701-01	S2505297067701-03	S2505297067701-02	-	-	S2505297067701-04	-	-	-	-	-	-	Date of Sampling	08-04-2025	08-04-2025	08-04-2025	-	-	08-04-2025	-	-	-	-	-	-	Sampling Location	Inlet collection tank	Raw wastewater collection tank	Discharged waste water outlet	-	-	Sludge stacking place	-	-	-	-	-	-	Sampling Start Time	10:50	11:30	11:10	-	-	12:00	-	-	-	-	-	-	Sampling End Time	11:00	11:40	11:20	-	-	12:10	-	-	-	-	-	-	Date of Sample Received	09-04-2025	09-04-2025	09-04-2025	-	-	09-04-2025	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-
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Monobutyltin (MBT)	Multiple including: 1118-46-3, 1461-22-9	0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Dibutyltin (DBT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Tributyltin (TBT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Mono-, di- and tri-methyltin derivatives	Multiple including: 993-16-8, 753-73-1, 1066-45-1	0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Monomethyltin (MMT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Dimethyltin (DMT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Trimethyltin (TMT)	Multiple including: 3091-25-6, 3542-36-7, 2587-76-0	0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Mono-, di- and tri-octyltin derivatives		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Monooctyltin (MOT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Diocetyl tin (DOT)	Multiple including: 1124-19-2, 1135-99-5, 639-58-7	0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Triocetyl tin (TOT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Mono-, di- and tri-phenyltin derivatives		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Monophenyltin (MPHT)	Multiple including: 1124-19-2, 1135-99-5, 639-58-7	0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Diphenyltin (DPHT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Triphenyltin (TPHT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Tetrabutyltin Compounds (TeBT)	Multiple including: 1461-25-2	0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Tetraethyltin Compounds (TeET)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Tetraoctyltin Compounds (TeOT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Tricyclohexyltin (TCyHT)	Multiple including: 3091-32-5	0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Tripropyltin Compounds (TPT)		0.01	µg/L	N/A	n.d.( $<0.10 \mu\text{g/L}$ ) <sup>1</sup>	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
<b>Other / Miscellaneous Chemicals</b>																																																																																																
AEEA [2-(2-aminoethylamino) ethanol]	111-41-1	500	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-																																																																														
Bisphenol A	80-05-7	10	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-																																																																														
Borate, zinc salt	12767-90-7	100	µg/L	See Total Zinc (Zn) & Total Boron (B) Results	See Total Zinc (Zn) & Total Boron (B) Results	-	-	-	-	-	-	-	Not Detected	Detected	-	-	-	-																																																																														
Quinoline	91-22-5	50	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-																																																																														
Thiourea	62-56-6	50	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-																																																																														
<b>Perfluorinated and Polyfluorinated Chemicals (PFCs)</b>																																																																																																
Perfluorooctane sulfonate (PFOS)**	1763-23-1	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
N-ethylperfluoro-1-octanesulfonamide (EiFOSA)	4151-50-2	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EiFOSE)	1691-99-2	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (MeFOSE)	24448-09-7	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Perfluorooctane sulfonamide (PFOSA)	754-91-6	0.01	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														
Perfluorooctanoic acid (PFOA)***	335-67-1	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-																																																																														

TEST RESULTS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

Items	CAS No.	Reporting Limit	Units	Factory Performances										Local Wastewater Discharge Requirement %			
				Sample ID	52505297067701-01	52505297067701-03	52505297067701-02	-	-	52505297067701-04	-	-	-				
				Date of Sampling	08-04-2025	08-04-2025	08-04-2025	-	-	08-04-2025	-	-	-				
				Sampling Location	Inlet collection tank	Raw wastewater collection tank	Discharged waste water outlet	-	-	Sludge stacking place	-	-	-				
				Sampling Start Time	10:50	11:30	11:10	-	-	12:00	-	-	-				
				Sampling End Time	11:00	11:40	11:20	-	-	12:10	-	-	-				
Date of Sample Received	09-04-2025	09-04-2025	09-04-2025	-	-	09-04-2025	-	-	-								
Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge $\Phi$	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	1	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	1	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Ethyl Perfluorooctanoate (Et-PFOA)	3108-24-5	1	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	1	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	27905-45-9	1	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
8:2 Fluorotelomer methacrylate (8:2 FTMA)	1996-88-9	1	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
<b>Phthalates - including all other esters of ortho-phthalic acid</b>																	
1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DnHP)	71888-89-6, 84777-06-0	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP)	68515-42-4, 68515-50-4	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Butyl benzyl phthalate (BBP)	85-68-7	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di-isobutyl phthalate (DIBP)	84-69-5	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di-isononyl phthalate (DINP)	28553-12-0	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di-n-hexyl phthalate (DnHP)	84-75-3	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di-n-octyl phthalate (DNOP)	117-84-0	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di-n-pentylphthalates	131-18-0	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di-n-propyl phthalate (DPRP)	131-16-8	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Di(ethylhexyl) phthalate (DEHP)	117-81-7	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Dibutyl phthalate (DBP)	84-74-2	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Diethyl phthalate (DEP)	84-66-2	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Diisopentylphthalates	605-50-5	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
Dinonyl phthalate (DNP)	84-76-4	10	$\mu\text{g/L}$	N/A	n.d.	-	-	-	-	-	-	-	-	-	-	-	
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>																	
Acenaphthene	83-32-9	1	$\mu\text{g/L}$	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-
Acenaphthylene	208-96-8	1	$\mu\text{g/L}$	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-
Anthracene	120-12-7	1	$\mu\text{g/L}$	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-
Benzo[a]anthracene	56-55-3	1	$\mu\text{g/L}$	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-
Benzo[a]pyrene	50-32-8	1	$\mu\text{g/L}$	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-
Benzo[b]fluoranthene	205-99-2	1	$\mu\text{g/L}$	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-
Benzo[e]pyrene	192-97-2	1	$\mu\text{g/L}$	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-
Benzo[ghi]perylene	191-24-2	1	$\mu\text{g/L}$	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-

TEST RESULTS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

Items	CAS No.	Reporting Limit	Units	Factory Performances												Local Wastewater Discharge Requirement %		
				Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge <sup>Φ</sup>	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent		Sludge	Leachate
Benzo[j]fluoranthene	205-82-3	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Benzo[k]fluoranthene	207-08-9	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Chrysene	218-01-9	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Dibenz[a,h]anthracene	53-70-3	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Fluoranthene	206-44-0	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Fluorene	86-73-7	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Indeno[1,2,3-cd]pyrene	193-39-5	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Naphthalene	91-20-3	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Phenanthrene	85-01-8	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
Pyrene	129-00-0	1	µg/L	N/A	n.d.	-	0.2	mg/kg	n.d.	-	-	-	N/A	Not Detected	-	Sample and Report Only	-	-
<b>Restricted Aromatic Amines (Cleavable from Azo-Colourants)</b>																		
2-naphthylamine	91-59-8	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
2-Naphthylammoniumacetate <sup>^</sup>	553-00-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
2,4-xylidine	95-68-1	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
2,4,5-trimethylaniline	137-17-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
2,4,5-trimethylaniline hydrochloride <sup>^</sup>	21436-97-5	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
2,6-xylidine	87-62-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
3,3'-dichlorobenzidine	91-94-1	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
3,3-dimethoxybenzidine	119-90-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
3,3-dimethylbenzidine	119-93-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4-aminoazobenzene	60-09-3	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4-aminodiphenyl	92-67-1	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4-chloro-o-toluidine	95-69-2	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4-chloro-o-toluidinium chloride <sup>^</sup>	3165-93-3	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4-chloroaniline	106-47-8	0.1	µg/L	n.d.	2.2	-	-	-	-	-	-	-	Not Detected	Detected	-	-	-	-
4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate <sup>^</sup>	39156-41-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4-methoxy-m-phenylenediamine	615-05-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4-methyl-m-phenylenediamine	95-80-7	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4,4-methylene-bis-(2-chloro-aniline)	101-14-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4,4-methylenedi-o-toluidine	838-88-0	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4,4-methylenedianiline	101-77-9	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4,4-oxydianiline	101-80-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
4,4-thiodianiline	139-65-1	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-
5-nitro-o-toluidine	99-55-8	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-

TEST RESULTS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

Items	CAS No.	Reporting Limit	Units	Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge <sup>Φ</sup>	Reporting Limit	Units	Leachate	Factory Performances					Local Wastewater Discharge Requirement %					
													Sample ID	52505297067701-01	52505297067701-03	52505297067701-02	-		-	52505297067701-04	-	-	-
													Date of Sampling	08-04-2025	08-04-2025	08-04-2025	-		-	08-04-2025	-	-	-
													Sampling Location	Inlet collection tank	Raw wastewater collection tank	Discharged waste water outlet	-		-	Sludge stacking place	-	-	-
													Sampling Start Time	10:50	11:30	11:10	-		-	12:00	-	-	-
													Sampling End Time	11:00	11:40	11:20	-		-	12:10	-	-	-
Date of Sample Received	09-04-2025	09-04-2025	09-04-2025	-	-	09-04-2025	-	-	-														
Incoming Water	Untreated Wastewater	Effluent	Reporting Limit	Units	Sludge <sup>Φ</sup>	Reporting Limit	Units	Leachate	Incoming Water	Untreated Wastewater	Effluent	Sludge	Leachate	Effluent									
6-methoxy-m-toluidine	120-71-8	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-					
Benzidine	92-87-5	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-					
o-aminoazotoluene	97-56-3	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-					
o-anisidine	90-04-0	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-					
o-toluidine	95-53-4	0.1	µg/L	n.d.	n.d.	-	-	-	-	-	-	-	Not Detected	Not Detected	-	-	-	-					
<b>UV Absorbers</b>																							
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl)phenol (UV-327)	3864-99-1	100	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
<b>Volatile Organic Compounds (VOC)</b>																							
Benzene	71-43-2	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
m-cresol	108-39-4	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
o-cresol	95-48-7	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
p-cresol	106-44-5	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
Toluene	108-88-3	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
Xylene	1330-20-7	1	µg/L	N/A	n.d.	-	-	-	-	-	-	-	N/A	Not Detected	-	-	-	-					
<b>Additional Parameters</b>																							
Dry Mass (Total Solids)	-	-	-	-	-	-	-	%	38.8	-	-	-	-	-	-	-	Sample and Report Only	-					

Remarks:

- "n.d." = Not Detected
- "N/A" = Not Tested / Not Applicable
- "-" = Not Required to be Tested
- <sup>Φ</sup>The test result is based on the calculation of selected element(s) and to the worst-case scenario
- \*Test data is provided by the client
- \*\*PFOS refer to its salts/derivative including PFOS-K (CAS No.: 2795-39-3), PFOS-Li (CAS No.: 29457-72-5), PFOS-NH<sub>4</sub> (CAS No.: 29081-56-9), PFOS-NH(OH)<sub>2</sub> (CAS No.: 70225-14-8), PFOS-N(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub> (CAS No.: 56773-42-3) and POSF (CAS No.: 307-35-7)
- \*\*\*PFOA refer to its salts including PFOA-Na (CAS No.: 335-95-5), PFOA-K (CAS No.: 2395-00-8), PFOA-Ag (CAS No.: 335-93-3), PFOA-F (CAS No.: 335-66-0) and APFO (CAS No.: 3825-26-1)
- <sup>Φ</sup>Sludge results are reported based on dry mass
- %Please refer to the details of the Local Wastewater Discharge Requirement in the Appendix Section
- 1) LOR values have been adjusted accordingly due to matrix interference.

\*\*\*\*\*



TEST PARAMETERS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE							LEACHATE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
<b>Conventional Parameters</b>																			
pH	-	Wastewater: HJ 1147-2020 Sludge: HJ 962-2018	6-9			N/A	N/A	N/A	5-11	5-11	6.5-9	6.5-9	-						
Temp-Difference	-	Wastewater: GB/T 13195-1991	Δ+15°C	Δ+10°C	Δ+5°C	-							-						
E. Coli	-	Wastewater: APHA 9221F	126MPN/100mL			-							-						
Colour (436nm; 525nm; 620nm)	-	Wastewater: ISO 7887:2011	7,5;3m <sup>-1</sup>	5;3;2m <sup>-1</sup>	2;1;1m <sup>-1</sup>	-							-						
Colour	-	Wastewater: HJ1182-2021																	
Persistent Foam	-	Wastewater: N/A	No indication of Persistent Foam in receiving water			-							-						
Wastewater Flow Rate	-	Wastewater: N/A	15m <sup>3</sup> per day			-							-						
Ammonium-N	-	Wastewater: HJ 535-2009	10mg/L	1mg/L	0.5mg/L	-							-						
AOX	-	Wastewater: ISO 9562:2004	3mg/L	0.5mg/L	0.1mg/L	-							-						
Biochemical Oxygen Demand 5-days Concentration (BOD <sub>5</sub> )	-	Wastewater: APHA 5210 B-2019	30mg/L	15mg/L	8mg/L	-							-						
Chemical Oxygen Demand (COD)	-	Wastewater: HJ 828-2017	150mg/L	80mg/L	40mg/L	-							-						
Dissolved Oxygen (DO)	-	Wastewater: HJ 506-2009	≥4mg/L			-							-						
Oil & Grease	-	Wastewater: HJ 637-2018	10mg/L	2mg/L	0.5mg/L	-							-						
Total Phenols / Phenol Index	-	Wastewater: APHA 5530 B,C&D -2010	0.5mg/L	0.01mg/L	0.001mg/L	-							-						
Total Chlorine	-	Wastewater: APHA 4500-Cl -G-2011	1mg/L			-							-						
Total Dissolved Solids (TDS)	-	Wastewater: APHA 2540 C-2020	Sample and Report Only			-							-						
Total Nitrogen	-	Wastewater: APHA 4500-N-C-2011	20mg/L	10mg/L	5mg/L	-							-						
Total Phosphorus	-	Wastewater: APHA 4500-P- J-2017	3mg/L	0.5mg/L	0.1mg/L	-							-						
Total Suspended Solids (TSS)	-	Wastewater: APHA 2540 D-2020	50mg/L	15mg/L	5mg/L	-							-						
Faecal Coliform	-	Sludge: USEPA 1681	-			N/A	N/A	N/A	N/A	N/A	<1000 MPN/g	<1000 MPN/g	-						
% Solids	-	Sludge: HJ 613-2011	-			Sample and Report Only	-												
Paint Filter Test	-	Sludge: US EPA 9095B:2004	-			N/A	N/A	N/A	Pass	Pass	Pass	Pass	-						
<b>Anions</b>																			
Chloride	-	Wastewater: HJ 84-2016	Sample and Report Only			-							-						

TEST PARAMETERS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE							LEACHATE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
Cyanide, Total	-	Wastewater: APHA 4500-CN-B, C&E-2016 Sludge: With reference to HJ 745-2015	0.2mg/L	0.1mg/L	0.05mg/L	N/A	N/A	N/A	85mg/kg	70mg/kg	70mg/kg	70mg/kg	-						
Sulfate	-	Wastewater: HJ 84-2016	Sample and Report Only			-							-						
Sulfide	-	Wastewater: APHA 4500-S2-D-2011	0.5mg/L	0.05mg/L	0.01mg/L	-							-						
Sulfite	-	Wastewater: ISO 10304-3-1997	2mg/L	0.5mg/L	0.2mg/L	-							-						
<b>Metals</b>																			
Total Antimony (Sb)	-	Wastewater: US EPA 200.8:1994 Sludge: US EPA 3050B:1996 & US EPA 6020B:2014 Leachate: US EPA 1311:1992 & USEPA 200.8:1994	0.1mg/L	0.05mg/L	0.01mg/L	-	-	-	-	-	-	N/A	N/A	N/A	N/A	7.8mg/L	0.6mg/L	0.6mg/L	0.6mg/L
Chromium (VI)	-	Wastewater: GB/T 7467-1987 Sludge: HJ 1082 Leachate: US EPA 1311:1992, US EPA 3060A:1996 & EPA 7196A:1996	0.05mg/L	0.005mg/L	0.001mg/L	-	-	-	-	-	-	50mg/kg	N/A	N/A	N/A	3.75mg/L	2.5mg/L	2.5mg/L	2.5mg/L
Total Barium (Ba)	-	Wastewater: US EPA 200.8:1994 Sludge: US EPA 3050B:1996 & US EPA 6020B:2014 Leachate: US EPA 1311:1992 & USEPA 200.8:1994	Sample and Report Only			-	-	-	-	-	-	N/A	N/A	N/A	N/A	67.5mg/L	35mg/L	35mg/L	35mg/L
Total Selenium (Se)	-	Wastewater: US EPA 200.8:1994 Sludge: US EPA 3050B:1996 & US EPA 6020B:2014 Leachate: US EPA 1311:1992 & USEPA 200.8:1994	Sample and Report Only			-	-	-	-	-	-	36mg/kg	N/A	N/A	N/A	0.75mg/L	0.5mg/L	0.5mg/L	0.5mg/L
Total Tin (Sn)	-	Wastewater: US EPA 200.8:1994	Sample and Report Only			-							-						
Total Arsenic (As)	-	Wastewater: US EPA 200.8:1994 Sludge: US EPA 3050B:1996 & US EPA 6020B:2014 Leachate: US EPA 1311:1992 & USEPA 200.8:1994	0.05mg/L	0.01mg/L	0.005mg/L	-	-	-	-	-	-	41mg/kg	N/A	N/A	N/A	2.75mg/L	0.5mg/L	0.5mg/L	0.5mg/L
Total Chromium (Cr)	-	Wastewater: US EPA 200.8:1994 Sludge: US EPA 3050B:1996 & US EPA 6020B:2014 Leachate: US EPA 1311:1992 & USEPA 200.8:1994	0.2mg/L	0.1mg/L	0.05mg/L	-	-	-	-	-	-	1200mg/kg	N/A	N/A	N/A	5mg/L	5mg/L	5mg/L	5mg/L
Total Cobalt (Co)	-	Wastewater: US EPA 200.8:1994 Sludge: US EPA 3050B:1996 & US EPA 6020B:2014 Leachate: US EPA 1311:1992 & USEPA 200.8:1994	0.05mg/L	0.02mg/L	0.01mg/L	-	-	-	-	-	-	N/A	N/A	N/A	N/A	80mg/L	80mg/L	80mg/L	80mg/L





TEST PARAMETERS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

ITEMS	CAS No.	METHODS	WASTEWATER			SLUDGE							LEACHATE						
			Foundational	Progressive	Aspirational	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G	Pathway A	Pathway B	Pathway C	Pathway D	Pathway E	Pathway F	Pathway G
<b>Other / Miscellaneous Chemicals</b>																			
AEEA [2-(2-aminoethylamino) ethanol]	111-41-1	Wastewater: With reference to inhouse method followed by LC-MS/MS		500µg/L															
Bisphenol A	80-05-7	Wastewater: With reference to ISO 18857-2:2009		10µg/L															
Borate, zinc salt	12767-90-7	Wastewater: US EPA 200.8:1994		100µg/L															
Quinoline	91-22-5	Wastewater: With reference to US EPA 3510C:1996 & US EPA 8270E:2018		50µg/L															
Thiourea	62-56-6	Wastewater: With reference to inhouse method followed by LC-MS/MS		50µg/L															
<b>Perfluorinated and Polyfluorinated Chemicals (PFCs)</b>																			
		Wastewater: PFCs: With reference to US EPA 537.1:2020 & inhouse method FTOH: With reference to US EPA 3510C:1996 & US EPA 8270E:2018			PFOS and related substances: 0.01µg/L PFOA and related substances: 1µg/L														
<b>Phthalates</b>																			
		Wastewater: With reference to US EPA 3510C:1996 & US EPA 8270E:2018		10µg/L															
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>																			
		Wastewater: With reference to US EPA 3510C:1996 & US EPA 8270E:2018 Sludge: With reference to US EPA 3570 & US EPA 8270E:2018		1µg/L		0.2mg/kg													
<b>Restricted Aromatic Amines</b>																			
		Wastewater: With reference to EN ISO 14362-1:2017, EN ISO 14362-3:2017 (if needed), US EPA 3510C:1996 & US EPA 8270E:2018		0.1µg/L															
<b>UV Absorbers</b>																			
		Wastewater: With reference to in house method followed by LC-MS/MS		100µg/L															
<b>Volatile Organic Compounds (VOC)</b>																			
Benzene	71-43-2	Wastewater: With reference to US EPA 8260D: 2018		1µg/L															
m-cresol	108-39-4	Wastewater: With reference to US EPA 3510C:1996 & US EPA 8270E:2018		1µg/L															
o-cresol	95-48-7	Wastewater: With reference to US EPA 3510C:1996 & US EPA 8270E:2018		1µg/L															
p-cresol	106-44-5	Wastewater: With reference to US EPA 3510C:1996 & US EPA 8270E:2018		1µg/L															
Toluene	108-88-3	Wastewater: With reference to US EPA 8260D: 2018		1µg/L															
Xylene	1330-20-7	Wastewater: With reference to US EPA 8260D: 2018		1µg/L															

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**SAMPLING PHOTOS**

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.

Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

INCOMING WATER
<p>Date &amp; Time of Measurement: 08-04-2025 ; 10:50            GPS Data: 31°50'55" N, 120°37'55" E</p>
SAMPLING LOCATION, CLOSE-UP VIEW


UNTREATED WASTEWATER
<p>Date &amp; Time of Measurement: 08-04-2025 ; 11:30            GPS Data: 31°50'55" N, 120°37'53" E</p>
SAMPLING LOCATION, CLOSE-UP VIEW


SAMPLING LOCATION, FAR VIEW


SAMPLING LOCATION, FAR VIEW


### SAMPLING PHOTOS

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.

Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

EFFLUENT
Date & Time of Measurement:08-04-2025 ; 11:10 GPS Data: 31°50'55" N, 120°37'55" E
SAMPLING LOCATION, CLOSE-UP VIEW


SLUDGE
Date & Time of Measurement:08-04-2025 ; 12:00 GPS Data: 31°50'55" N, 120°37'53" E
SAMPLING LOCATION, CLOSE-UP VIEW


SAMPLING LOCATION, FAR VIEW


SAMPLING LOCATION, FAR VIEW


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LOCAL WASTEWATER DISCHARGE REQUIREMENT

FACTORY DISCHARGE LICENCE BASED ON GB 4287-2012 Discharge standards

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.

Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

1、废水污染物排放许可限值

(1) 主要排放口

排放口编号	排放口名称	污染物种类	许可排放浓度限值 (mg/L)
DW003	生产废水排放口	硫化物	0.5mg/L
DW003	生产废水排放口	流量	/
DW003	生产废水排放口	总磷 (以P计)	1.5mg/L
DW003	生产废水排放口	五日生化需氧量	150mg/L
DW003	生产废水排放口	总氮 (以N计)	30mg/L
DW003	生产废水排放口	氨氮 (NH3-N)	20mg/L
DW003	生产废水排放口	化学需氧量	500mg/L
DW003	生产废水排放口	色度	80
DW003	生产废水排放口	苯胺类	1.0mg/L
DW003	生产废水排放口	pH值	6-9
DW003	生产废水排放口	悬浮物	100mg/L

\*\*\*\*\*

ZDHC WASTEWATER SAMPLING FIELD DATA FORM AND REPRESENTATIVE SAMPLE DECLARATION

Factory Name: Zhangjiagang Xinlong Dyeing Co., Ltd.  
Factory Address: South Industrial Park, Tangqiao Town, Zhangjiagang City, Suzhou City, Jiangsu Province

DHLR-W6-05-D15-15



ZDHC 废水采样现场数据表和代表性样品声明  
ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration

ZDHC 废水采样信息 ZDHC Wastewater Sampling Information

工厂名称 Factory Name: 张吉港市新绿色染整有限公司  
工厂地址 Factory Address: 江苏省苏州市张吉港南桥镇南桥工业园区  
采样日期 Sampling Date: 2025.4.8  
采样种类 Sampling Type:  Wastewater  Untreated Wastewater  Effluent  Sludge  
样品ID Sample ID: SLE11-0077 1, SLE21-0077 3, SLE11-0077 2, SLE11-0077 4  
采样地点 Sampling Location: 污水处理站 调节池  
GPS 数据 GPS Data: 31°10'11"N, 120°37'11"E, 31°10'11"N, 120°37'11"E, 31°10'11"N, 120°37'11"E, 31°10'11"N, 120°37'11"E  
采样时间 Sampling Time: 11:50-11:50, 11:30-11:40, 11:10-11:10, 11:50-11:50  
采样员姓名 Sampler Name: 张利超  
采样员邮箱 Sampler E-mail: Deen.zhang@sgs.com  
ZDHC 授权采样员证书号 ZDHC Sampler Accreditation Cert. No.: C740106818014

采样方法 Sampling Method

Increasing Water:  Grab  0-hour Composite  Others, please specify: \_\_\_\_\_  
 Autosampler  Manual  
Unpolluted Wastewater:  Grab  6-hour Composite  Others, please specify: \_\_\_\_\_  
 Autosampler  Manual  
Effluent:  Grab  6-hour Composite  Others, please specify: \_\_\_\_\_  
 Autosampler  Manual  
Sludge:  Grab  6-hour Composite  Others, please specify: \_\_\_\_\_  
 Autosampler  Manual

排放方式 Discharge Method

Direct  Indirect (w/pretreatment)  Indirect (w/o pretreatment)  Zero Liquid Discharge (ZLD)

ZDHC 废水采样现场测试 QA/QC ZDHC Wastewater Sampling Field Testing QA/QC

Parameter	LCS Known	LCS Measured	Accuracy %
pH	7.0	7.0	99.7
Total Chlorine	NA	NA	NA

ZDHC 废水流量尺寸 ZDHC Wastewater Flow Device Dimensions

Measurement (cm)	Meter	Pipe (D)	Flange (F)	Wier (V)
Diameter	NA	NA	NA	NA
Depth	NA	NA	NA	NA

ZDHC 废水样品采集测试数据 (见附带的测试记录表)

ZDHC 废水采样现场测试数据 (See attached data sheets of Water/Soil sampling records)

ZDHC 废水采样工厂确认 ZDHC Wastewater Sampling - Facility Confirmation

废水样本是在工厂正常生产规模和废水流量下采集的。The samples have been collected under the facility's normal production scale and wastewater flow rate. 下表列出的采样频率和位置符合标准。The sampling frequency and location are in accordance with the standard.

工厂名称 Factory Name: 张吉港市新绿色染整有限公司  
工厂代表姓名 Factory Representative Name: 张利超  
工厂代表签名和盖章 Factory Representative Signature and Stamp: [Signature and Stamp]  
日期 Date: 2025.4.8  
采样员姓名 Sampler Name: 张利超  
ZDHC 授权采样员证书号 ZDHC Sampler Accreditation Cert. No.: C740106818014  
采样员签名 Sampler Signature: [Signature]  
日期 Date: 2025.4.8



### 水质采样记录 Water Sampling Records

SHSL-R-WI-CS-016-02

任务单号Task Number: SL521-0077 采样日期Sampling Date: 2024/4/8 委托单位Client: 珠海港务新绿色生态处理有限公司  
天气状况Weather Conditions: 28°C 晴 水体类型Type of Water: 污水 受托单位Factory: 珠海港务新绿色生态处理有限公司  
其他仪器设备(名称、编号) Other instruments and equipment (name, number): DH1 TX781  
参考采样规范Reference Sampling Specification:  ZDHC-SAP  Others:

样品编号 Sample Number	采样位置 Sampling Location	采样时间 Sampling Time (Hours)	温度Temp (°C)		pH	溶解氧 Dissolved Oxygen (mg/L)	总氯 Total Chlorine (mg/L)	废水流量 Wastewater Flow Meter (L/min)	交替测量流量 Alternate Measured Flow		采样体积 Sample Volume (mL)	容器材质 Container Material	保存方式 Storage Method	可见颜色 Visible Colour	持久性泡沫 Persistent Foam (Yes/No)
			废水排放 Wastewater Discharge	接收水体 Receiving Water					深度 Depth (cm)	速度 Velocity (cm/s)					
SL521-0077	污水排放口	0 11:10-11:20	19.0	—	7.8	—	—	—	—	—	6070	PE	1,2,4	无色透明	No
		1													
		2													
		3													
		4													
		5													
		6													
均值 Average															

备注: 容器材质: P代表PE, G代表玻璃, VOA代表棕色玻璃瓶, ST代表不锈钢, G-TLC代表盖于带有特氟龙内衬的棕色玻璃瓶, P(A)代表清洗过的塑料瓶, G(A)=Glass (Acid Washed)酸洗过的玻璃瓶。  
Container material: P for PE bottles, G for glass bottles, VOA vial for brown glass bottles, ST.Steel for stainless steel, G-TLC for brown glass bottles with Teflon lining lids, P(A) for pickled plastic bottles, G(A) = Glass (Acid Washed) for pickled glass bottles.  
水质外观: 水体颜色、气味、有无漂浮物等。 Apparent water quality: water color, smell, presence or absence of floating objects, etc.  
周边环境: 有无排污口, 是否农业区、工业区, 有无居民区、工业区, 有无化粪池、工业区和农药化肥使用区等。  
Surrounding environment: whether there is a sewage outlet, whether there is a stagnant water area, a backwater area, whether there is a residential area, an industrial area, whether there is a residential area, an industrial area and a pesticide and fertilizer use area, etc.  
保存方式Storage method: 1.标签完好Unbroken label 2.冷藏Refrigeration 3.避光Protect from light 4.减振措施Vibration reduction 5.其他Others:

采样员Sampler: 张智超 客户确认Client Confirmation: 2024.4.8 10:10  
其他现场信息: CA/AS

Effective date: 2023.12.26



### 水质采样记录 Water Sampling Records

SHSL-R-WI-CS-016-02

任务单号Task Number: SL521-0077 采样日期Sampling Date: 2024/4/8 委托单位Client: 珠海港务新绿色生态处理有限公司  
天气状况Weather Conditions: 28°C 晴 水体类型Type of Water: 污水 受托单位Factory: 珠海港务新绿色生态处理有限公司  
其他仪器设备(名称、编号) Other instruments and equipment (name, number): DH1 TX781  
参考采样规范Reference Sampling Specification:  ZDHC-SAP  Others:

样品编号 Sample Number	采样位置 Sampling Location	采样时间 Sampling Time (Hours)	温度Temp (°C)		pH	溶解氧 Dissolved Oxygen (mg/L)	总氯 Total Chlorine (mg/L)	废水流量 Wastewater Flow Meter (L/min)	交替测量流量 Alternate Measured Flow		采样体积 Sample Volume (mL)	容器材质 Container Material	保存方式 Storage Method	可见颜色 Visible Colour	持久性泡沫 Persistent Foam (Yes/No)
			废水排放 Wastewater Discharge	接收水体 Receiving Water					深度 Depth (cm)	速度 Velocity (cm/s)					
SL521-0077	污水排放口	0 11:10-11:20	36.6	—	9.4	—	—	—	—	—	5980	PE	1,2,4	无色	No
		1													
		2													
		3													
		4													
		5													
		6													
均值 Average															

备注: 容器材质: P代表PE, G代表玻璃, VOA代表棕色玻璃瓶, ST代表不锈钢, G-TLC代表盖于带有特氟龙内衬的棕色玻璃瓶, P(A)代表清洗过的塑料瓶, G(A)=Glass (Acid Washed)酸洗过的玻璃瓶。  
Container material: P for PE bottles, G for glass bottles, VOA vial for brown glass bottles, ST.Steel for stainless steel, G-TLC for brown glass bottles with Teflon lining lids, P(A) for pickled plastic bottles, G(A) = Glass (Acid Washed) for pickled glass bottles.  
水质外观: 水体颜色、气味、有无漂浮物等。 Apparent water quality: water color, smell, presence or absence of floating objects, etc.  
周边环境: 有无排污口, 是否农业区、工业区, 有无居民区、工业区, 有无化粪池、工业区和农药化肥使用区等。  
Surrounding environment: whether there is a sewage outlet, whether there is a stagnant water area, a backwater area, whether there is a residential area, an industrial area, whether there is a residential area, an industrial area and a pesticide and fertilizer use area, etc.  
保存方式Storage method: 1.标签完好Unbroken label 2.冷藏Refrigeration 3.避光Protect from light 4.减振措施Vibration reduction 5.其他Others:

采样员Sampler: 张智超 客户确认Client Confirmation: 2024.4.8 11:10  
其他现场信息: CA/AS

Effective date: 2023.12.26

