

TEST REPORT
08-04-2025
CLIENT DETAILS

Client Name: Jiangsu Lianfa Textile Co., Ltd.
Client Contact: Jiajia You
Telephone: 15962717174
E-mail: youji@gl.lianfa.cn
Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

LABORATORY DETAILS

SGS Affiliate: SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd
SGS Contact: Lily Li
Telephone: +86(021) 61072854
E-mail: Lily-li@sgs.com
Address: The 4th Building, No.889, Yishan Road, Xuhui District, Shanghai, China

FACTORY DETAILS

Factory Name: Jiangsu Lianfa Textile Co., Ltd.
Factory Contact: Jiajia You
Telephone: 15962717174
E-mail: youji@gl.lianfa.cn
Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province
Types of Mills: (1) Spinning (2) Yarn Dyeing, Bleaching
 (3) Fabric Dyeing, Finishing, Washing
On-Site ETP: No
Discharge Destination: To Centralized Waste Water Treatment Plant
Name of Municipal/Centralized ETP: Lianfa Environmental Protection New Energy Co., Ltd.
Address of Municipal/Centralized ETP: No. 88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

SAMPLE AND TESTING DETAILS

Sampling Country: SGS Shanghai
ZDHC Approved Sampler & Cert. No.: C74D106818054
Sampling Date: 24-03-2025
Sample Received Date: 25-03-2025
Test Performing Period: 25-03-2025 to 08-04-2025
Sample Received Temperature: 6.9 °C
No. of Samples: Water (2)
Sample Descriptions: 1) Untreated Wastewater (Dyeing)(6-hour Composite)
 2) Untreated Wastewater (Finishing)(6-hour Composite)
Sample Volume 1) Untreated Wastewater (Dyeing)(16L)
 2) Untreated Wastewater (Finishing)(16L)
Testing Institute: SGS Shanghai
Discharge Method: Indirect Discharge without Pretreatment

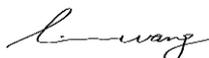
OVERALL RESULTS

	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)
Conventional Parameters / Anions / Metals:	Fulfill Aspirational Limit	Fulfill Aspirational Limit
MRSL Parameters:	Not Detected	Not Detected

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: Jiangsu Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

TEST ITEMS	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)
Conventional Parameters	-	-
Anions	-	-
Metals	O	O
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs)	O	O
Antimicrobials and Biocides	O	O
Chlorinated Paraffins	O	O
Chlorobenzenes and Chlorotoluenes	O	O
Chlorophenols	O	O
N,N-di-methylformamide (DMFa)	O	O
Dyes - Carcinogenic or Equivalent Concern	O	O
Dyes - Disperse (Allergenic)	O	O
Flame Retardants	O	O
Glycols / Glycol Ethers	O	O
Halogenated Solvents	O	O
Organotin Compounds	O	O
Other / Miscellaneous Chemicals	O	O
Perfluorinated and Polyfluorinated Chemicals (PFCs)	O	O
Phthalates	O	O
Polycyclic Aromatic Hydrocarbons (PAHs)	O	O
Restricted Aromatic Amines	O	O
UV Absorbers	O	O
Volatile Organic Compounds (VOC)	O	O

Note:

X - Detected

O - Not Detected

N/A - Not Tested / Not Applicable

TEST RESULTS

Factory Name: Jianguo Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

		Sample ID		Date of Sampling		Sampling Location		Sampling Start Time		Sampling End Time		Date of Sample Received		Factory Performances	Local Wastewater Discharge Requirement%		
		52505284920201-01	52505284920201-02	24-03-2025	24-03-2025	Raw wastewater collection tank	Raw wastewater collection tank	11:10	11:30	17:20	17:40	25-03-2025	25-03-2025				
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent									
Sample Colour Description	-	-	-	Dark green	Light blue	-	-	-									
Wastewater Flow Rate*	-	-	m ³ /day	4218		-	-	-									
Metals																	
Chromium (VI)	-	0.001	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	N/A									
Total Arsenic (As)	-	0.005	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	N/A									
Total Cadmium (Cd)	-	0.01	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	N/A									
Total Lead (Pb)	-	0.01	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	N/A									
Total Zinc (Zn)	-	0.1	mg/L	n.d.	n.d.	-	-	N/A									
Total Mercury (Hg)	-	0.001	mg/L	n.d.	n.d.	Fulfill Aspirational Limit	Fulfill Aspirational Limit	N/A									
Total Boron (B)	-	0.1	mg/L	n.d.	n.d.	-	-	N/A									
Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers																	
Nonylphenol ethoxylates (NPEO)	Multiple including: 9016-45-9, 26027-38-3, 37205-87-1, 68412-54-4, 127087-87-0	5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									
Nonylphenol (NP), mixed isomers	Multiple including: 104-40-5, 11066-49-2, 25154-52-3, 84852-15-3	5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									
Octylphenol ethoxylates (OPEO)	Multiple including: 9002-93-1, 9036-19-5, 68987-90-6	5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									
Octylphenol (OP), mixed isomers	Multiple including: 140-66-9, 1806-26-4, 27193-28-8	5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									
Antimicrobials and Biocides																	
o-Phenylphenol (+salts)	90-43-7	100	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									
Triclosan	3380-34-5	100	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									
Permethrin	Multiple including: 52645-53-1	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									
Chlorinated Paraffins																	
Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17)	85535-85-9	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									
Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)	85535-84-8	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									
Chlorobenzenes and Chlorotoluenes																	
1,2-Dichlorobenzene	95-50-1	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-									

TEST RESULTS

Factory Name: Jiangsu Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

	Sample ID		52505284920201-01		52505284920201-02		Factory Performances	Local Wastewater Discharge Requirement%
	Date of Sampling		24-03-2025		24-03-2025			
	Sampling Location		Raw wastewater collection tank		Raw wastewater collection tank			
	Sampling Start Time		11:10		11:30			
	Sampling End Time		17:20		17:40			
	Date of Sample Received		25-03-2025		25-03-2025			
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent
Monochlorobenzene	108-90-7	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1,3-Dichlorobenzene	541-73-1	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1,4-Dichlorobenzene	106-46-7	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1,2,3-Trichlorobenzene	87-61-6	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1,2,4-Trichlorobenzene	120-82-1	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1,3,5-Trichlorobenzene	108-70-3	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1,2,3,4-Tetrachlorobenzene	634-66-2	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1,2,3,5-Tetrachlorobenzene	634-90-2	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1,2,4,5-Tetrachlorobenzene	95-94-3	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Pentachlorobenzene	608-93-5	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Hexachlorobenzene	118-74-1	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2-Chlorotoluene	95-49-8	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
3-Chlorotoluene	108-41-8	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
4-Chlorotoluene	106-43-4	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3-Dichlorotoluene	32768-54-0	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,4-Dichlorotoluene	95-73-8	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,5-Dichlorotoluene	19398-61-9	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,6-Dichlorotoluene	118-69-4	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
3,4-Dichlorotoluene	95-75-0	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
3,5-Dichlorotoluene	25186-47-4	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3,4-Trichlorotoluene	7359-72-0	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3,6-Trichlorotoluene	2077-46-5	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,4,5-Trichlorotoluene	6639-30-1	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,4,6-Trichlorotoluene	23749-65-7	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-

TEST RESULTS

Factory Name: Jiangsu Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

	Sample ID		52505284920201-01	52505284920201-02	Factory Performances		Local Wastewater Discharge Requirement%	
	Date of Sampling		24-03-2025	24-03-2025				
	Sampling Location		Raw wastewater collection tank	Raw wastewater collection tank				
	Sampling Start Time		11:10	11:30				
	Sampling End Time		17:20	17:40				
	Date of Sample Received		25-03-2025	25-03-2025				
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent
3,4,5-Trichlorotoluene	21472-86-6	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	
2,3,4,5-Tetrachlorotoluene	1006-32-2	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3,4,6-Tetrachlorotoluene	875-40-1	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3,5,6-Tetrachlorotoluene	1006-31-1	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	
Pentachlorotoluene	877-11-2	0.2	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Chlorophenols								
2-Chlorophenol	95-57-8	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3-Dichlorophenol	576-24-9	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3,4-Trichlorophenol	15950-66-0	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3,5-Trichlorophenol	933-78-8	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3,6-Trichlorophenol	933-75-5	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,4-Dichlorophenol	120-83-2	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,4,5-Trichlorophenol	95-95-4	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,4,6-Trichlorophenol	88-06-2	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,5-Dichlorophenol	583-78-8	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,6-Dichlorophenol	87-65-0	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
3-Chlorophenol	108-43-0	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
3,4-Dichlorophenol	95-77-2	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
3,4,5-Trichlorophenol	609-19-8	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
3,5-Dichlorophenol	591-35-5	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
4-Chlorophenol	106-48-9	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Pentachlorophenol (PCP)	87-86-5	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3,5,6-Tetrachlorophenol	935-95-5	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,3,4,6-Tetrachlorophenol	58-90-2	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-

TEST RESULTS

Factory Name: Jianguo Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

	Sample ID		52505284920201-01	52505284920201-02	Factory Performances		Local Wastewater Discharge Requirement%	
	Date of Sampling		24-03-2025	24-03-2025				
	Sampling Location		Raw wastewater collection tank	Raw wastewater collection tank				
	Sampling Start Time		11:10	11:30				
	Sampling End Time		17:20	17:40				
	Date of Sample Received		25-03-2025	25-03-2025				
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent
2,3,4,5-Tetrachlorophenol	4901-51-3	0.5	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
N,N-Di-methylformamide (DMFa)								
Dimethyl formamide; N,N-Dimethylformamide (DMFa)	68-12-2	1000	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Dyes - Carcinogenic or Equivalent Concern								
Basic Violet 3 with >0.1% of Michler's Ketone ^b	548-62-9	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Acid Red 26	3761-53-3	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Acid Violet 49	1694-09-3	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Basic Blue 26 (with Michler's Ketone >0.1%)	2580-56-5	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Basic Green 4 (Malachite Green Chloride) ^a	569-64-2	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Basic Green 4 (Malachite Green Oxalate) ^a	2437-29-8	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Basic Green 4 (Malachite Green)	10309-95-2	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Basic Red 9	569-61-9	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Basic Violet 14	632-99-5	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Direct Black 38	1937-37-7	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Direct Blue 6	2602-46-2	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Direct Red 28	573-58-0	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Disperse Blue 1	2475-45-8	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
C.I. Disperse Blue 3	2475-46-9	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Disperse Orange 11	82-28-0	500	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Dyes - Disperse (Allergenic)								
Disperse Blue 102	12222-97-8	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Disperse Blue 106	12223-01-7	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Disperse Blue 124	61951-51-7	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Disperse Blue 26	3860-63-7	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Disperse Blue 35	12222-75-2	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-

TEST RESULTS

Factory Name: Jianguo Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jianguo Province

	Sample ID		Date of Sampling		Sampling Location		Sampling Start Time		Sampling End Time		Date of Sample Received		Factory Performances	Local Wastewater Discharge Requirement%		
	52505284920201-01		52505284920201-02		24-03-2025		24-03-2025		Raw wastewater collection tank		Raw wastewater collection tank					
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent								
Disperse Blue 35	56524-77-7	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Blue 7	3179-90-6	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Brown 1	23355-64-8	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Orange 1	2581-69-3	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Orange 3	730-40-5	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Orange 37/59/76	13301-61-6	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Red 1	2872-52-8	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Red 11	2872-48-2	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Red 17	3179-89-3	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Yellow 1	119-15-3	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Yellow 3	2832-40-8	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Yellow 39	12236-29-2	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Yellow 49	54824-37-2	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Disperse Yellow 9	6373-73-5	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Flame Retardants																
Boric acid	10043-35-3, 11113-50-1	500	µg/L	See Total Boron (B) Result	See Total Boron (B) Result	Not Detected	Not Detected	-								
Diboron trioxide	1303-86-2	500	µg/L	See Total Boron (B) Result	See Total Boron (B) Result	Not Detected	Not Detected	-								
Disodium octaborate	12008-41-2	500	µg/L	See Total Boron (B) Result	See Total Boron (B) Result	Not Detected	Not Detected	-								
Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4	500	µg/L	See Total Boron (B) Result	See Total Boron (B) Result	Not Detected	Not Detected	-								
Tetraboron disodium heptaoxide, hydrate	12267-73-1	500	µg/L	See Total Boron (B) Result	See Total Boron (B) Result	Not Detected	Not Detected	-								
Hexabromocyclodecane (HBCDD)	3194-55-6	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
2,2-bis(bromomethyl)-1,3-propanediol (BBMP)	3296-90-0	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Polybromobiphenyls (PBB)	59536-65-1	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								
Monobromobiphenyls (MonoBB)	Multiple	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-								

TEST RESULTS

Factory Name: Jianguo Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

	Sample ID		52505284920201-01	52505284920201-02	Factory Performances	Local Wastewater Discharge Requirement%		
	Date of Sampling		24-03-2025	24-03-2025				
	Sampling Location		Raw wastewater collection tank	Raw wastewater collection tank				
	Sampling Start Time		11:10	11:30				
	Sampling End Time		17:20	17:40				
	Date of Sample Received		25-03-2025	25-03-2025				
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent
Monobromodiphenylethers (MonoBDEs)	Multiple	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Dibromobiphenyls (DiBB)	Multiple	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Dibromopropylether	21850-44-2	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Tribromodiphenylethers (TriBDEs)	Multiple	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Tetrabromodiphenyl ether (TetraBDE)	40088-47-9	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Pentabromodiphenyl ether (PentaBDE)	32534-81-9	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Hexabromodiphenyl ether (HexaBDE)	36483-60-0	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Heptabromodiphenyl ether (HeptaBDE)	68928-80-3	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Octabromobiphenyls (OctaBB)	Multiple	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Octabromodiphenyl ether (OctaBDE)	32536-52-0	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Nonabromobiphenyls (NonaBB)	Multiple	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Nonabromodiphenyl ether (NonaBDE)	63936-56-1	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Decabromobiphenyl (DecaBB)	13654-09-6	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Decabromodiphenyl ether (DecaBDE)	1163-19-5	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Tetrabromobisphenol A (TBBPA)	79-94-7	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Bis(2,3-dibromopropyl) phosphate (BDBPP)	5412-25-9	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Tris-(2-chloro-1-methylethyl) phosphate (TCPP)	13674-84-5	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Tris(1-aziridinyl) phosphine oxide (TEPA)	545-55-1	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Tris(1,3-dichloro-isopropyl) phosphate (TDCP)	13674-87-8	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Tris(2,3-dibromopropyl)-phosphate (TRIS)	126-72-7	25	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Glycols / Glycol Ethers								
2-ethoxyethanol	110-80-5	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2-ethoxyethyl acetate	111-15-9	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-

TEST RESULTS

Factory Name: Jianguo Lianfa Textile Co., Ltd.
Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jianguo Province

Items	CAS No.	Reporting Limit	Units	Sample ID		Factory Performances		Local Wastewater Discharge Requirement%
				52505284920201-01	52505284920201-02			
				Date of Sampling				
				Sampling Location				
				Sampling Start Time				
				Sampling End Time				
Date of Sample Received				25-03-2025	25-03-2025			
Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent				
2-methoxyethanol	109-86-4	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2-methoxyethylacetate	110-49-6	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2-methoxypropylacetate	70657-70-4	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Bis(2-methoxyethyl)-ether	111-96-6	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Ethylene glycol dimethylether	110-71-4	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Triethylene glycol dimethylether	112-49-2	50	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Halogenated Solvents								
1,2-Dichloroethane	107-06-2	1	µg/L	n.d.($<20\mu\text{g/L}$) ¹	n.d.	Not Detected	Not Detected	-
Methylene chloride	75-09-2	1	µg/L	n.d.($<20\mu\text{g/L}$) ¹	n.d.	Not Detected	Not Detected	-
Tetrachloroethylene	127-18-4	1	µg/L	n.d.($<20\mu\text{g/L}$) ¹	n.d.	Not Detected	Not Detected	-
Trichloroethylene	79-01-6	1	µg/L	n.d.($<20\mu\text{g/L}$) ¹	n.d.	Not Detected	Not Detected	-
Organotin Compounds								
Dipropyltin Compounds (DPT)	Multiple including: 867-36-7	0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Mono-, di- and tri-butyltin derivatives		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Monobutyltin (MBT)	Multiple including: 1118-46-3, 1461-22-9	0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Dibutyltin (DBT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Tributyltin (TBT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Mono-, di- and tri-methyltin derivatives		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Monomethyltin (MMT)	Multiple including: 993-16-8, 753-73-1, 1066-45-1	0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Dimethyltin (DMT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Trimethyltin (TMT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Mono-, di- and tri-octyltin derivatives		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Monooctyltin (MOT)	Multiple including: 3091-25-6, 3542-36-7, 2587-76-0	0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Dioctyltin (DOT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-
Trioctyltin (TOT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-

TEST RESULTS

Factory Name: Jianguo Lianfa Textile Co., Ltd.
Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jianguo Province

Items	CAS No.	Reporting Limit	Units	Sample ID		Factory Performances		Local Wastewater Discharge Requirement%	
				52505284920201-01	52505284920201-02				
				Date of Sampling					
				Sampling Location					
				Sampling Start Time					
				Sampling End Time					
Date of Sample Received				25-03-2025	25-03-2025				
				Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent	
Mono-, di- and tri-phenyltin derivatives		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-	
Monophenyltin (MPHT)	Multiple including: 1124-19-2, 1135-99-5, 639-58-7	0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-	
Diphenyltin (DPHT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-	
Triphenyltin (TPHT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-	
Tetrabutyltin Compounds (TeBT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-	
Tetraethyltin Compounds (TeET)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-	
Tetraoctyltin Compounds (TeOT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-	
Tricyclohexyltin (TCyHT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-	
Tripropyltin Compounds (TPT)		0.01	µg/L	n.d.($<0.20\mu\text{g/L}$) ¹	n.d.($<0.10\mu\text{g/L}$) ¹	Not Detected	Not Detected	-	
Other / Miscellaneous Chemicals									
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	Not 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	-	
Perfluorinated and Polyfluorinated Chemicals (PFCs)									
Perfluorooctane sulfonate (PFOS)**	1763-23-1	0.01	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	0.01	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	0.01	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)	1691-99-2	0.01	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (MeFOSE)	24448-09-7	0.01	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
Perfluorooctane sulfonamide (PFOSA)	754-91-6	0.01	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
Perfluorooctanoic acid (PFOA)***	335-67-1	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-	

TEST RESULTS

Factory Name: Jianguo Lianfa Textile Co., Ltd.
Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

	Sample ID		52505284920201-01	52505284920201-02	Factory Performances		Local Wastewater Discharge Requirement%	
	Date of Sampling		24-03-2025	24-03-2025				
	Sampling Location		Raw wastewater collection tank	Raw wastewater collection tank				
	Sampling Start Time		11:10	11:30				
	Sampling End Time		17:20	17:40				
	Date of Sample Received		25-03-2025	25-03-2025				
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent
Ethyl Perfluorooctanoate (Et-PFOA)	3108-24-5	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)	27905-45-9	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
8:2 Fluorotelomer methacrylate (8:2 FTMA)	1996-88-9	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Phthalates - including all other esters of ortho-phthalic acid								
1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DHP)	71888-89-6, 84777-06-0	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNP)	68515-42-4, 68515-50-4	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Butyl benzyl phthalate (BBP)	85-68-7	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di-cyclohexyl phthalate (DCHP)	84-61-7	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di-iso-decyl phthalate (DIDP)	26761-40-0	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di-iso-octyl phthalate (DIOP)	27554-26-3	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di-isobutyl phthalate (DIBP)	84-69-5	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di-isononyl phthalate (DINP)	28553-12-0	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di-n-hexyl phthalate (DnHP)	84-75-3	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di-n-octyl phthalate (DNOP)	117-84-0	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di-n-pentylphthalates	131-18-0	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di-n-propyl phthalate (DPRP)	131-16-8	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Di(ethylhexyl) phthalate (DEHP)	117-81-7	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Dibutyl phthalate (DBP)	84-74-2	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Diethyl phthalate (DEP)	84-66-2	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Diisopentylphthalates	605-50-5	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Dinonyl phthalate (DNP)	84-76-4	10	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Polycyclic Aromatic Hydrocarbons (PAHs)								

TEST RESULTS

Factory Name: Jiangsu Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

	Sample ID		52505284920201-01	52505284920201-02	Factory Performances		Local Wastewater Discharge Requirement%	
	Date of Sampling		24-03-2025	24-03-2025				
	Sampling Location		Raw wastewater collection tank	Raw wastewater collection tank				
	Sampling Start Time		11:10	11:30				
	Sampling End Time		17:20	17:40				
	Date of Sample Received		25-03-2025	25-03-2025				
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent
Acenaphthene	83-32-9	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Acenaphthylene	208-96-8	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Anthracene	120-12-7	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Benzo[a]anthracene	56-55-3	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Benzo[a]pyrene	50-32-8	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Benzo[b]fluoranthene	205-99-2	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Benzo[e]pyrene	192-97-2	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Benzo[ghi]perylene	191-24-2	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Benzo[j]fluoranthene	205-82-3	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Benzo[k]fluoranthene	207-08-9	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Chrysene	218-01-9	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Dibenz[a,h]anthracene	53-70-3	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Fluoranthene	206-44-0	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Fluorene	86-73-7	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Indeno[1,2,3-cd]pyrene	193-39-5	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Naphthalene	91-20-3	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Phenanthrene	85-01-8	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Pyrene	129-00-0	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Restricted Aromatic Amines (Cleavable from Azo-Colourants)								
2-naphthylamine	91-59-8	0.1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2-Naphthylammoniumacetate [^]	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 [^]	21436-97-5	0.1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-

TEST RESULTS

Factory Name: Jiangsu Lianfa Textile Co., Ltd.
Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

	Sample ID		52505284920201-01	52505284920201-02	Factory Performances		Local Wastewater Discharge Requirement%	
	Date of Sampling		24-03-2025	24-03-2025				
	Sampling Location		Raw wastewater collection tank	Raw wastewater collection tank				
	Sampling Start Time		11:10	11:30				
	Sampling End Time		17:20	17:40				
	Date of Sample Received		25-03-2025	25-03-2025				
Items	CAS No.	Reporting Limit	Units	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Untreated Wastewater (Dyeing)	Untreated Wastewater (Finishing)	Effluent
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	100	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)	3846-71-7	100	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl)phenol (UV-327)	3864-99-1	100	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Volatile Organic Compounds (VOC)								
Benzene	71-43-2	1	µg/L	n.d.($<20\mu\text{g/L}$) ¹	n.d.	Not Detected	Not Detected	-
m-cresol	108-39-4	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
o-cresol	95-48-7	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
p-cresol	106-44-5	1	µg/L	n.d.	n.d.	Not Detected	Not Detected	-
Toluene	108-88-3	1	µg/L	n.d.($<20\mu\text{g/L}$) ¹	n.d.	Not Detected	Not Detected	-
Xylene	1330-20-7	1	µg/L	n.d.($<20\mu\text{g/L}$) ¹	n.d.	Not Detected	Not Detected	-

Remarks:

"n.d." = Not Detected

"N/A" = Not Tested / Not Applicable

"-" = Not Required to be Tested

[^]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-NH₄ (CAS No.: 29081-56-9), PFOS-NH(OH)₂ (CAS No.: 70225-14-8), PFOS-N(C₂H₅)₄ (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)

%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: Jiangsu Lianfa Textile Co., Ltd.
Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an 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
Conventional Parameters																			
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 ⁻¹	5;3;2m ⁻¹	2;1;1m ⁻¹	-							-						
Colour	-	Wastewater: HJ1182-2021																	
Persistent Foam	-	Wastewater: N/A	No indication of Persistent Foam in receiving water			-							-						
Wastewater Flow Rate	-	Wastewater: N/A	15m ³ 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 ₅)	-	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	-						
Anions																			
Chloride	-	Wastewater: HJ 84-2016	Sample and Report Only			-							-						

TEST PARAMETERS

Factory Name: Jiangsu Lianfa Textile Co., Ltd.
Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an 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	-							-						
Metals																			
Total Antimony (Sb)	-	Wastewater: US EPA 200.8:1994 Sludge: US EPA 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
Total Cadmium (Cd)	-	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	-	-	-	-	-	-	39mg/kg	N/A	N/A	N/A	0.58mg/L	0.15mg/L	0.15mg/L	0.15mg/L



TEST PARAMETERS

Factory Name: Jiangsu Lianfa Textile Co., Ltd.
Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an 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
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															
Perfluorinated and Polyfluorinated Chemicals (PFCs)		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														
Phthalates		Wastewater: With reference to US EPA 3510C:1996 & US EPA 8270E:2018		10µg/L															
Polycyclic Aromatic Hydrocarbons (PAHs)		Wastewater: With reference to US EPA 3510C:1996 & US EPA 8270E:2018 Sludge: With reference to US EPA 3670 & US EPA 8270E:2018		1µg/L		0.2mg/kg													
Restricted Aromatic Amines		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															
UV Absorbers		Wastewater: With reference to in house method followed by LC-MS/MS		100µg/L															
Volatile Organic Compounds (VOC)																			
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															

PIPING PLAN

Factory Name: Jiangsu Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province



Remark:

- 1) Untreated Wastewater(Dyeing)
- 2) Untreated Wastewater(Finishing)

SAMPLING PHOTOS

Factory Name: Jiangsu Lianfa Textile Co., Ltd.

Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

UNTREATED WASTEWATER (DYEING)

Date & Time of Measurement: 24-03-2025; 11:10
GPS Data: 32°29'52" N, 120°28'14" E

SAMPLING LOCATION, CLOSE-UP VIEW



UNTREATED WASTEWATER(FINISHING)

Date & Time of Measurement: 24-03-2025; 11:30
GPS Data: 32°29'13" N, 120°28'13" E

SAMPLING LOCATION, CLOSE-UP VIEW



SAMPLING LOCATION, FAR VIEW



SAMPLING LOCATION, FAR VIEW



ZDHC WASTEWATER SAMPLING FIELD DATA FORM AND REPRESENTATIVE SAMPLE DECLARATION

Factory Name: Jiangsu Lianfa Textile Co., Ltd.
Factory Address: No.88 Henglian Road, Chengdong Town, Hai'an City, Jiangsu Province

ENGL-R-VIA-C6-016-18



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: 江苏联发纺织股份有限公司

工厂地址 Factory Address: 江苏省海安市城东镇恒联路88号

采样日期 Sampling Date: 2021.3.24

采样种类 Sampling Type: Incoming Water Untreated Wastewater Effluent Sludge

样品ID Sample ID: SL521-0018-1 SL521-0018-2

采样地点 Sampling Location: 6#和 4#

GPS数据 GPS Data: 32.29527072846 120.437120251115

采样时间 Sampling Time: 11:10-17:20 11:30-17:40

采样员信息 Sampler Information:

采样员姓名 Sampler Name: 张利超

采样员邮箱 Sampler E-mail: Dean_Zhang @sgs.com

ZDHC 授权采样员证书号 ZDHC Sampler Accreditation Cert. No.: C14106618014

采样方法 Sampling Method:

Incoming Water: Grab 8-hour Composite Others, please specify: _____
 Autosampler Manual

Untreated Wastewater: Grab 8-hour Composite Others, please specify: _____
 Autosampler Manual

Effluent: Grab 8-hour Composite Others, please specify: _____
 Autosampler Manual

Sludge: Grab 8-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	7.02	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)	Flume (U)	Wier (V)
Diameter	NA	NA	NA	NA
Depth	NA	NA	NA	NA

ZDHC 废水采样现场测试记录 (见附表及采样记录表)
ZDHC Wastewater Sample Collection Field Test Measurements (See attached data sheets of Water/Bill 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期间废水流量下采集的。The wastewater samples have been collected under the facility's normal production state and wastewater flow rate. 下列出场的采样员姓名及样品编号。The sampler name, certificate number and collected the samples.

工厂名称 Factory Name: 江苏联发纺织股份有限公司 采样员姓名 Sampler Name: 张利超

工厂代表姓名 Factory Representative Name: 张利超 ZDHC 授权采样员证书号 ZDHC Sampler Accreditation Cert. No.: C14106618014

工厂代表姓名和盖章 Factory Representative Signature and Stamp: 张利超 采样员姓名 Sampler Signature: 张利超

日期 Date: 2021.3.24 日期 Date: 2021.3.24

Effective date: 2021.12.22



水质采样记录

SHSL-R-WI-CS-016-02

Water Sampling Records

任务单号 Task Number: SL5250528492021TX 采样日期 Sampling Date: 2025, 3, 24 委托单位 Client: 汇泰联安环境股份有限公司
天气状况 Weather Conditions: 23° 晴 水体类型 Type of Water: 尾水 (绿色) 受检单位 Factory: 汇泰联安环境股份有限公司
其他仪器设备 (名称、编号) Other instruments and equipment (name, number): PH11 TX181

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)						
SL5250528492021TX	集水口	0	11:00-11:20	30.1	9.1			平均						浅绿色	No	
		1	11:10-11:20	31.4	9.4			427.84						浅绿色	No	
		2	11:10-11:10	32.3	9.3			HA						浅绿色	No	
		3	11:10-11:20	32.1	9.2							6070	PP	11.1.4	浅绿色	No
		4	11:10-11:20	32.4	9.3										浅绿色	No
		5	11:10-11:20	32.3	9.5										浅绿色	No
6	11:10-11:20	32.5	9.3										浅绿色	No		
均值 Average			32.0	9.3										浅绿色	No	

备注: 容器材质: P代表PE瓶, G代表玻璃瓶, VOA vial代表棕色玻璃瓶, ST.Steel代表不锈钢, G-TLC代表盖子带有特氟龙内衬的棕色玻璃瓶; P(A)代表酸洗过的塑料瓶; 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.
水质表现: 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、是否死水区、回水区、有无居民区、工业区、有无居民区、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: 王吉超 客户确认 Client Confirmation: 龙信依

Effective date: 2023.12.26



水质采样记录

SHSL-R-WI-CS-016-02

Water Sampling Records

任务单号 Task Number: SL5250528492021TX 采样日期 Sampling Date: 2025, 3, 24 委托单位 Client: 汇泰联安环境股份有限公司
天气状况 Weather Conditions: 21° 晴 水体类型 Type of Water: 尾水 (浅蓝色) 受检单位 Factory: 汇泰联安环境股份有限公司
其他仪器设备 (名称、编号) Other instruments and equipment (name, number): PH11 TX181

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)						
SL5250528492021TX	集水口	0	11:30-11:40	28.4	11.1									浅蓝色	No	
		1	11:30-11:40	28.6	10.7									浅蓝色	No	
		2	11:30-11:40	27.9	10.5									浅蓝色	No	
		3	11:30-11:40	28.2	10.9							6070	PP	11.1.4	浅蓝色	No
		4	11:30-11:40	27.9	11.2										浅蓝色	No
		5	11:30-11:40	28.4	10.9										浅蓝色	No
6	11:30-11:40	29.7	11.3										浅蓝色	No		
均值 Average			28.4	10.9										浅蓝色	No	

备注: 容器材质: P代表PE瓶, G代表玻璃瓶, VOA vial代表棕色玻璃瓶, ST.Steel代表不锈钢, G-TLC代表盖子带有特氟龙内衬的棕色玻璃瓶; P(A)代表酸洗过的塑料瓶; 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.
水质表现: 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、是否死水区、回水区、有无居民区、工业区、有无居民区、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: 王吉超 客户确认 Client Confirmation: 龙信依

Effective date: 2023.12.26