

|                  |            |
|------------------|------------|
| Date of sampling | 05/11/2025 |
| Reporting date   | 10/11/2025 |

|                         |  |            |              |
|-------------------------|--|------------|--------------|
| Audit ID                | 34204  | Audit firm | SGS Shanghai |
| Company name            | SUZHOU NANHUA TEXTILE REORGANIZATION TECHNICAL CO., LTD.                                 |            |              |
| Contact person          | Ruiyuan Chen   |            |              |
| Type of tax – tax ID no | 91320509796141035E   |            |              |
| Address                 | No. 369 Luonan Road, Yanmu Village, Tongluo, Taoyuan Town, Wujiang District, Suzhou City |            |              |
| Region state province   | Jiangsu  |            |              |
| Town city / village     | Suzhou   |            |              |
| Zip / Post code         | 215000   |            |              |

| Type of wastewater discharge                               |   |
|--|---|
| Type of wastewater discharge                               | Indirect Discharge w/ Pre-treatment (w/ Sludge)   |
| Description of the discharge                               | Discharge to Centralized Waste Water Treatment Plant: Wujiang Ke'ou Sewage Treatment Co., Ltd.<br>Address: No. 415, Luonan Road, Yanmu Village, Taoyuan Town, Wujiang District, Suzhou City, Jiangsu Province |
| [If direct discharge] Temperature of receiving water body: | Not applicable  |

| Type of sludge disposal pathway |           |
|---------------------------------|-----------|
| Type of sludge disposal pathway | Pathway A |

| Type of treatment*   |  |
|----------------------|--|
| PRELIMINARY          | <input type="checkbox"/> Screening/Sieving/Grit remover (< 6 mm)<br><input checked="" type="checkbox"/> Screening/Sieving/Grit remover (≥ 6 mm)<br><input type="checkbox"/> Homogenization tank<br><input checked="" type="checkbox"/> pH Correction<br><input type="checkbox"/> Other (please specify): |
| PRIMARY              | <input checked="" type="checkbox"/> Coagulation/Flocculation<br><input checked="" type="checkbox"/> Dissolved air flotation (DAF)<br><input checked="" type="checkbox"/> Sedimentation tanks or Settler/Clarifier<br><input type="checkbox"/> Other (please specify):                                    |
| SECONDARY/BIOLOGICAL | <input checked="" type="checkbox"/> Activated sludge process. Aerobic reactor<br><input checked="" type="checkbox"/> Biological Biofilm reactor (MBBR, SAF, RBC..)<br><input type="checkbox"/> Sequencing batch reactor (SBR)<br><input type="checkbox"/> Other (please specify):                        |



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|          |  |
|----------|--|
| TERTIARY | <input type="checkbox"/> Absorption with activated carbon<br><input type="checkbox"/> High rate filtration<br><input type="checkbox"/> Techniques (ozone, Fenton reaction, photo catalytic degradation...)<br><input type="checkbox"/> Other (please specify): |
|----------|--|

\*The information has been provided by the factory.

|  |               |
|--|---------------|
| Sampler accreditation certification number (ZDHC): | C74D106817275 |
| Sampling affiliate                                 | SGS Shanghai  |

| Sample description       |                             |   |                                 |
|--------------------------|-----------------------------|---|---------------------------------|
|                          | Simple                      | Composite   | Comments                        |
| (1) Untreated wastewater | -                           | Navy blue, composite sample at 10:10, 11:10, 12:10, 13:10, 14:10, 15:10, 16:10      | pH: 7.3<br>Temperature: 34.8 °C |
| (2) Effluent             | -                           | Near colourless, composite sample at 9:50, 10:50, 11:50, 12:50, 13:50, 14:50, 15:50 | pH: 6.7<br>Temperature: 21.0 °C |
| (3) Sludge               | Black, grab sample at 12:10 | -   | -                               |
| (4) Leachate             | NO                          | -   | -                               |



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| Internal description – Final Test Report     |                                      |
|--|--------------------------------------|
| Testing laboratory                           | SGS Shanghai                         |
| Internal codification number (report number) | SL52525366520801TX                   |
| Reference sample number (sample ID)          | -                                    |
| Received on                                  | 06/11/2025                           |
| Analysis carried out from                    | 06/11/2025 to 10/11/2025             |
| Arrival temperature at lab                   | 6.7 °C                               |
| Comments                                     | 1. Samples received within 24 hours. |

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



Linda Wang (Authorized Signatory)



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
 Softline Laboratory

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| Summary of test results   |                      |   |                        |          |
|---|----------------------|---|------------------------|----------|
| Test items  | Untreated wastewater | Effluent  | Sludge                 | Leachate |
| Conventional Parameters and Anions  | -                    | Please refer to the information in TEST RESULTS | -                      | -        |
| Heavy Metals  | -                    | Fulfill aspirational limit                      | -                      | -        |
| Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers | ND                   | -   | Sample and report only | -        |
| Antimicrobials and Biocides   | ND                   | -   | -                      | -        |
| Chlorinated Parafins  | ND                   | -   | -                      | -        |
| Chlorobenzenes & Chlorotoluenes   | ND                   | -   | Sample and report only | -        |
| Chlorophenols   | ND                   | -   | -                      | -        |
| N,N-di-methylformamide (DMFA)   | ND                   | -   | -                      | -        |
| Dyes – Carcinogenic or Equivalent Concern                                   | ND                   | -   | -                      | -        |
| Dyes – Disperse (Allergenic)  | ND                   | -   | -                      | -        |
| Flame Retardants  | ND                   | -   | -                      | -        |
| Glycols / Glycol Ethers   | ND                   | -   | -                      | -        |
| Halogenated Solvents  | ND                   | -   | -                      | -        |
| Organotin Compounds   | ND                   | -   | -                      | -        |
| Other / Miscellaneous Chemicals   | ND                   | -   | -                      | -        |
| Perfluorinated and Polyfluorinated Chemicals (PFCs)                         | ND                   | -   | -                      | -        |
| Phthalates – including all other esters of ortho-phthalic acid              | ND                   | -   | -                      | -        |
| Polycyclic Aromatic Hydrocarbons (PAHs)                                     | ND                   | -   | Sample and report only | -        |
| Restricted Aromatic Amines (Cleavable from Azo-colourants)                  | ND                   | -   | -                      | -        |
| UV Absorbers  | ND                   | -   | -                      | -        |
| Volatile Organic Compounds (VOC)  | ND                   | -   | -                      | -        |

| Sludge disposal pathway        |    |
|--------------------------------|----|
| Comply sludge disposal pathway | NA |

**Remark (indicated in each parameter)**

- ND = Not detected (< ZDHC requirements)
- D = Detected (≥ ZDHC requirements)
- NA = Not applicable
- = Not required to be tested



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Test results

Wastewater

1. Conventional Parameters and Anions

| Test Items          | Test method | Limit        |             |              | Reporting Limit | Result   | Unit                |
|---------------------|-------------|--------------|-------------|--------------|-----------------|----------|---------------------|
|                     |             | Foundational | Progressive | Aspirational |                 | Effluent |                     |
| Wastewater Flowrate | -           | -            |             |              | NA              | 1900 *   | m <sup>3</sup> /day |

Remark

NA = Not applicable

- = Not required to be tested

\*= Test data is provided by the client



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**2. Heavy Metals**

Cr (VI): GB/T 7467-1987

Hg: HJ 694-2014

Others: US EPA 200.8:1994

| Test items          | CAS no. | Limit                          |                                 |                                 | Reporting Limit | Result   | Unit |
|---------------------|---------|--------------------------------|---------------------------------|---------------------------------|-----------------|----------|------|
|                     |         | Foundational                   | Progressive                     | Aspirational                    |                 | Effluent |      |
| Arsenic (As)        | -       | Textile and Leather: 0.05      | Textile and Leather: 0.01       | Textile and Leather: 0.005      | 0.005           | ND       | mg/L |
| Cadmium (Cd)        | -       | Textile and Leather: 0.1       | Textile and Leather: 0.05       | Textile and Leather: 0.01       | 0.01            | ND       | mg/L |
| Mercury (Hg)        | -       | Textile and Leather: 0.01      | Textile and Leather: 0.005      | Textile and Leather: 0.001      | 0.001           | ND       | mg/L |
| Lead (Pb)           | -       | Textile and Leather: 0.1       | Textile and Leather: 0.05       | Textile and Leather: 0.01       | 0.01            | ND       | mg/L |
| Chromium VI (Cr VI) | -       | Textile: 0.05<br>Leather: 0.15 | Textile: 0.005<br>Leather: 0.05 | Textile: 0.001<br>Leather: 0.02 | 0.001           | ND       | mg/L |

**3. Alkylphenol (AP) & Alkylphenol Ethoxylates (APEOs): including all isomers**

NP/OP: With reference to ISO 18857-2:2009

NPEO / OPEO: With reference to ISO 18857-2:2009 or ASTM D7742-17

| Test items                      | CAS no.   | Reporting limit         | Result               | Unit |
|---------------------------------|---|-------------------------|----------------------|------|
|                                 |   |                         | Untreated Wastewater |      |
| Nonylphenol ethoxylates (NPEO)  | Multiple including:<br>9016-45-9 / 26027-38-3 /<br>37205-87-1 / 68412-54-4 /<br>127087-87-0 | Textiles and Leather: 5 | ND                   | µg/L |
| Nonylphenol (NP), mixed isomers | Multiple including:<br>104-40-5 / 11066-49-2 /<br>25154-52-3 / 84852-15-3                   | Textiles and Leather: 5 | ND                   | µg/L |
| Octylphenol ethoxylates (OPEO)  | Multiple including:<br>9002-93-1 / 9036-19-5 /<br>68987-90-6                                | Textiles and Leather: 5 | ND                   | µg/L |
| Octylphenol (OP), mixed isomers | Multiple including:<br>140-66-9 / 1806-26-4 /<br>27193-28-8                                 | Textiles and Leather: 5 | ND                   | µg/L |



**4. Antimicrobials and Biocides**

o-Phenylphenol (+salts): With reference to BS EN 12673:1999

Triclosan, Permethrin: With reference to US EPA 3510C:1996 & 8270E:2018

| Test items              | CAS no.                           | Reporting Limit                                  | Result               |      |
|-------------------------|-----------------------------------|--|----------------------|------|
|                         |                                   |  | Untreated wastewater | Unit |
| o-Phenylphenol (+salts) | 90-43-7                           | Textiles: 100<br>Leather: Sample and Report Only | ND                   | µg/L |
| Triclosan               | 3380-34-5                         | Textiles and Leather: 100                        | ND                   | µg/L |
| Permethrin              | Multiple including:<br>52645-53-1 | Textiles and Leather: 500                        | ND                   | µg/L |

**5. Chlorinated Paraffins**

With reference to ISO 12010:2019

| Test items   | CAS no.    | Reporting Limit           | Result               |      |
|--|------------|---------------------------|----------------------|------|
|  |            |                           | Untreated wastewater | Unit |
| Medium-chain Chlorinated Paraffins (MCCPs) (C14-C17) | 85535-85-9 | Textiles and Leather: 500 | ND                   | µg/L |
| Short-chain Chlorinated Paraffins (SCCPs) (C10-C13)  | 85535-84-8 | Textiles and Leather: 25  | ND                   | µg/L |



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6. Chlorobenzenes & Chlorotoluenes

3-Chlorotoluene, 4-Chlorotoluene: With reference to US EPA 8260D: 2018

Others: With reference to US EPA 3510C:1996 & 8270E:2018

| Test item                  | CAS no.    | Reporting limit           | Result               | Unit |
|----------------------------|------------|---------------------------|----------------------|------|
|                            |            |                           | Untreated Wastewater |      |
| 1,2-Dichlorobenzene        | 95-50-1    | Textiles and Leather: 0.2 | ND                   | µg/L |
| Monochlorobenzene          | 108-90-7   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 1,3-Dichlorobenzene        | 541-73-1   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 1,4-Dichlorobenzene        | 106-46-7   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 1,2,3-Trichlorobenzene     | 87-61-6    | Textiles and Leather: 0.2 | ND                   | µg/L |
| 1,2,4-Trichlorobenzene     | 120-82-1   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 1,3,5-Trichlorobenzene     | 108-70-3   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 1,2,3,4-Tetrachlorobenzene | 634-66-2   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 1,2,3,5-Tetrachlorobenzene | 634-90-2   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3    | Textiles and Leather: 0.2 | ND                   | µg/L |
| Pentachlorobenzene         | 608-93-5   | Textiles and Leather: 0.2 | ND                   | µg/L |
| Hexachlorobenzene          | 118-74-1   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2-Chlorotoluene            | 95-49-8    | Textiles and Leather: 0.2 | ND                   | µg/L |
| 3-Chlorotoluene            | 108-41-8   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 4-Chlorotoluene            | 106-43-4   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2,3-Dichlorotoluene        | 32768-54-0 | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2,4-Dichlorotoluene        | 95-73-8    | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2,5-Dichlorotoluene        | 19398-61-9 | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2,6-Dichlorotoluene        | 118-69-4   | Textiles and Leather: 0.2 | ND                   | µg/L |
| 3,4-Dichlorotoluene        | 95-75-0    | Textiles and Leather: 0.2 | ND                   | µg/L |
| 3,5-Dichlorotoluene        | 25186-47-4 | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2,3,4-Trichlorotoluene     | 7359-72-0  | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2,3,6-Trichlorotoluene     | 2077-46-5  | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2,4,5-Trichlorotoluene     | 6639-30-1  | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2,4,6-Trichlorotoluene     | 23749-65-7 | Textiles and Leather: 0.2 | ND                   | µg/L |
| 3,4,5-Trichlorotoluene     | 21472-86-6 | Textiles and Leather: 0.2 | ND                   | µg/L |
| 2,3,4,5-Tetrachlorotoluene | 1006-32-2  | Textiles and Leather: 0.2 | ND                   | µg/L |



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|                            |           |                           |    |      |
|----------------------------|-----------|---------------------------|----|------|
| 2,3,4,6-Tetrachlorotoluene | 875-40-1  | Textiles and Leather: 0.2 | ND | µg/L |
| 2,3,5,6-Tetrachlorotoluene | 1006-31-1 | Textiles and Leather: 0.2 | ND | µg/L |
| Pentachlorotoluene         | 877-11-2  | Textiles and Leather: 0.2 | ND | µg/L |

7. Chlorophenols

With reference to BS EN 12673:1999

| Test items                | CAS no.    | Reporting Limit           | Result               | Unit |
|---------------------------|------------|---------------------------|----------------------|------|
|                           |            |                           | Untreated wastewater |      |
| 2-Chlorophenol            | 95-57-8    | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,3-Dichlorophenol        | 576-24-9   | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,3,4-Trichlorophenol     | 15950-66-0 | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,3,5-Trichlorophenol     | 933-78-8   | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,3,6-Trichlorophenol     | 933-75-5   | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,4-Dichlorophenol        | 120-83-2   | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,4,5-Trichlorophenol     | 95-95-4    | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,4,6-Trichlorophenol     | 88-06-2    | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,5-Dichlorophenol        | 583-78-8   | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,6-Dichlorophenol        | 87-65-0    | Textiles and Leather: 0.5 | ND                   | µg/L |
| 3-Chlorophenol            | 108-43-0   | Textiles and Leather: 0.5 | ND                   | µg/L |
| 3,4-Dichlorophenol        | 95-77-2    | Textiles and Leather: 0.5 | ND                   | µg/L |
| 3,4,5-Trichlorophenol     | 609-19-8   | Textiles and Leather: 0.5 | ND                   | µg/L |
| 3,5-Dichlorophenol        | 591-35-5   | Textiles and Leather: 0.5 | ND                   | µg/L |
| 4-Chlorophenol            | 106-48-9   | Textiles and Leather: 0.5 | ND                   | µg/L |
| Pentachlorophenol PCP     | 87-86-5    | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,3,5,6-Tetrachlorophenol | 935-95-5   | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,3,4,6-Tetrachlorophenol | 58-90-2    | Textiles and Leather: 0.5 | ND                   | µg/L |
| 2,3,4,5-Tetrachlorophenol | 4901-51-3  | Textiles and Leather: 0.5 | ND                   | µg/L |



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**8. N,N-di-methylformamide (DMFa)**

With reference to US EPA 8015C:2007

| Test item                     | CAS no. | Reporting Limit                                   | Result               |      |
|-------------------------------|---------|---|----------------------|------|
|                               |         |   | Untreated wastewater | Unit |
| N,N-di-methylformamide (DMFa) | 68-12-2 | Textiles: 1000<br>Leather: Sample and Report Only | ND                   | µg/L |

**9. Dyes - Carcinogenic or Equivalent Concern**

With reference to inhouse method followed by LC-MS/MS

| Test items  | CAS no.    | Reporting Limit           | Result               |      |
|---|------------|---------------------------|----------------------|------|
|   |            |                           | Untreated wastewater | Unit |
| Basic violet 3 with >0.1% of Michler’s Ketone     | 548-62-9   | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Acid Red 26                                  | 3761-53-3  | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Acid Violet 49                               | 1694-09-3  | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Basic Blue 26 (with Michler’s Ketone > 0.1%) | 2580-56-5  | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Basic Green 4 (Malachite Green Chloride)^    | 569-64-2   | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Basic Green 4 (Malachite Green Oxalate)^     | 2437-29-8  | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Basic Green 4 (Malachite Green)              | 10309-95-2 | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Basic Red 9                                  | 569-61-9   | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Basic Violet 14                              | 632-99-5   | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Direct Black 38                              | 1937-37-7  | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Direct Blue 6                                | 2602-46-2  | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Direct Red 28                                | 573-58-0   | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Disperse Blue 1                              | 2475-45-8  | Textiles and Leather: 500 | ND                   | µg/L |
| C.I. Disperse Blue 3                              | 2475-46-9  | Textiles and Leather: 500 | ND                   | µg/L |
| Disperse Orange 11                                | 82-28-0    | Textiles and Leather: 500 | ND                   | µg/L |

\*Reported concentration refers to the dye part only



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10. Dyes - Disperse (Allergenic)

With reference to inhouse method followed by LC-MS/MS

| Test Items               | CAS no.    | Reporting Limit | Result               |      |
|--------------------------|------------|-----------------|----------------------|------|
|                          |            |                 | Untreated wastewater | Unit |
| Disperse Blue 102        | 12222-97-8 | Textiles: 50    | ND                   | µg/L |
| Disperse Blue 106        | 12223-01-7 | Textiles: 50    | ND                   | µg/L |
| Disperse Blue 124        | 61951-51-7 | Textiles: 50    | ND                   | µg/L |
| Disperse Blue 26         | 3860-63-7  | Textiles: 50    | ND                   | µg/L |
| Disperse Blue 35         | 12222-75-2 | Textiles: 50    | ND                   | µg/L |
| Disperse Blue 35         | 56524-77-7 | Textiles: 50    | ND                   | µg/L |
| Disperse Blue 7          | 3179-90-6  | Textiles: 50    | ND                   | µg/L |
| Disperse Brown 1         | 23355-64-8 | Textiles: 50    | ND                   | µg/L |
| Disperse Orange 1        | 2581-69-3  | Textiles: 50    | ND                   | µg/L |
| Disperse Orange 3        | 730-40-5   | Textiles: 50    | ND                   | µg/L |
| Disperse Orange 37/59/76 | 13301-61-6 | Textiles: 50    | ND                   | µg/L |
| Disperse Red 1           | 2872-52-8  | Textiles: 50    | ND                   | µg/L |
| Disperse Red 11          | 2872-48-2  | Textiles: 50    | ND                   | µg/L |
| Disperse Red 17          | 3179-89-3  | Textiles: 50    | ND                   | µg/L |
| Disperse Yellow 1        | 119-15-3   | Textiles: 50    | ND                   | µg/L |
| Disperse Yellow 3        | 2832-40-8  | Textiles: 50    | ND                   | µg/L |
| Disperse Yellow 39       | 12236-29-2 | Textiles: 50    | ND                   | µg/L |
| Disperse Yellow 49       | 54824-37-2 | Textiles: 50    | ND                   | µg/L |
| Disperse Yellow 9        | 6373-73-5  | Textiles: 50    | ND                   | µg/L |



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**11. Flame Retardants**

Boric acid, Diboron trioxide, Disodium octaborate, Disodium tetraborate anhydrous, Tetraboron disodium heptaoxide, hydrate: With reference to US EPA 200.8:1994

BBMP, BIS, TRIS: With reference to inhouse method followed by LC-MS/MS

Others: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items                                  | CAS no.                 | Reporting Limit            | Result               |      |
|---|-------------------------|----------------------------|----------------------|------|
|   |                         |                            | Untreated wastewater | Unit |
| Boric acid                                  | 10043-35-3 / 11113-50-1 | Textiles and Leather: 500* | ND (ND)**            | µg/L |
| Diboron trioxide                            | 1303-86-2               | Textiles and Leather: 500* | ND (ND)**            | µg/L |
| Disodium octaborate                         | 12008-41-2              | Textiles and Leather: 500* | ND (ND)**            | µg/L |
| Disodium tetraborate, anhydrous             | 1303-96-4 / 1330-43-4   | Textiles and Leather: 500* | ND (ND)**            | µg/L |
| Tetraboron disodium heptaoxide, hydrate     | 12267-73-1              | Textiles and Leather: 500* | ND (ND)**            | µg/L |
| Hexabromocyclodecane (HBCDD)                | 3194-55-6               | Textiles and Leather: 25   | ND                   | µg/L |
| 2,2-bis(bromomethyl)-1,3-propanediol (BBMP) | 3296-90-0               | Textiles and Leather: 25   | ND                   | µg/L |
| Polybromobiphenyls (PBB)                    | 59536-65-1              | Textiles and Leather: 25   | ND                   | µg/L |
| Monobromobiphenyls (MonoBB)                 | Multiple                | Textiles and Leather: 25   | ND                   | µg/L |
| Monobromodiphenylethers (MonoBDEs)          | Multiple                | Textiles and Leather: 25   | ND                   | µg/L |
| Dibromobiphenyls (DiBB)                     | Multiple                | Textiles and Leather: 25   | ND                   | µg/L |
| Dibromopropylether                          | 21850-44-2              | Textiles and Leather: 25   | ND                   | µg/L |
| Tribromodiphenylethers (TriBDEs)            | Multiple                | Textiles and Leather: 25   | ND                   | µg/L |
| Tetrabromodiphenyl ether (TetraBDE)         | 40088-47-9              | Textiles and Leather: 25   | ND                   | µg/L |
| Pentabromodiphenyl ether (PentaBDE)         | 32534-81-9              | Textiles and Leather: 25   | ND                   | µg/L |
| Hexabromodiphenyl ether (HexaBDE)           | 36483-60-0              | Textiles and Leather: 25   | ND                   | µg/L |
| Heptabromodiphenyl ether (HeptaBDE)         | 68928-80-3              | Textiles and Leather: 25   | ND                   | µg/L |
| Octabromobiphenyls (OctaBB)                 | Multiple                | Textiles and Leather: 25   | ND                   | µg/L |
| Octabromodiphenyl ether (OctaBDE)           | 32536-52-0              | Textiles and Leather: 25   | ND                   | µg/L |
| Nonabromobiphenyls (NonaBB)                 | Multiple                | Textiles and Leather: 25   | ND                   | µg/L |
| Nonabromodiphenyl ether (NonaBDE)           | 63936-56-1              | Textiles and Leather: 25   | ND                   | µg/L |
| Decabromobiphenyl (DecaBB)                  | 13654-09-6              | Textiles and Leather: 25   | ND                   | µg/L |
| Decabromodiphenyl ether (DecaBDE)           | 1163-19-5               | Textiles and Leather: 25   | ND                   | µg/L |



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|  |            |                          |    |      |
|--|------------|--------------------------|----|------|
| Tetrabromobisphenol A (TBBPA)                  | 79-94-7    | Textiles and Leather: 25 | ND | µg/L |
| Bis(2,3-dibromopropyl) phosphate (BDBPP)       | 5412-25-9  | Textiles and Leather: 25 | ND | µg/L |
| Tris-(2-chloro-1-methylethyl) phosphate (TCPP) | 13674-84-5 | Textiles and Leather: 25 | ND | µg/L |
| Tris(1-aziridinyl) phosphine oxide) (TEPA)     | 545-55-1   | Textiles and Leather: 25 | ND | µg/L |
| Tris(1,3-dichloro-isopropyl) phosphate (TDCP)  | 13674-87-8 | Textiles and Leather: 25 | ND | µg/L |
| Tris(2-chloroethyl) phosphate (TCEP)           | 115-96-8   | Textiles and Leather: 25 | ND | µg/L |
| Tris(2,3,-dibromopropyl)-phosphate (TRIS)      | 126-72-7   | Textiles and Leather: 25 | ND | µg/L |

\* Limit refers to elemental boron, not the salt.

\*\*Result in term of elemental boron (Result in term of the corresponding boron salt)



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**12. Glycols/Glycol Ethers**

2-Ethoxyethanol, 2-Methoxyethanol, Ethylene glycol dimethyl ether, Triethylene glycol dimethyl ether: With reference to US EPA 8015C:2007  
 Others: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items                        | CAS no.    | Reporting Limit          | Result               | Unit |
|-----------------------------------|------------|--------------------------|----------------------|------|
|                                   |            |                          | Untreated wastewater |      |
| 2-ethoxyethanol                   | 110-80-5   | Textiles and Leather: 50 | ND                   | µg/L |
| 2-ethoxyethyl acetate             | 111-15-9   | Textiles and Leather: 50 | ND                   | µg/L |
| 2-methoxyethanol                  | 109-86-4   | Textiles and Leather: 50 | ND                   | µg/L |
| 2-methoxyethylacetate             | 110-49-6   | Textiles and Leather: 50 | ND                   | µg/L |
| 2-methoxypropylacetate            | 70657-70-4 | Textiles and Leather: 50 | ND                   | µg/L |
| Bis(2-methoxyethyl)-ether         | 111-96-6   | Textiles and Leather: 50 | ND                   | µg/L |
| Ethylene glycol dimethylether     | 110-71-4   | Textiles and Leather: 50 | ND                   | µg/L |
| Triethylene glycol dimethyl ether | 112-49-2   | Textiles and Leather: 50 | ND                   | µg/L |

**13. Halogenated solvents**

With reference to US EPA 8260D: 2018

| Test Items         | CAS no.  | Reporting Limit         | Result               | Unit |
|--------------------|----------|-------------------------|----------------------|------|
|                    |          |                         | Untreated wastewater |      |
| 1,2-Dichloroethane | 107-06-2 | Textiles and Leather: 1 | ND                   | µg/L |
| Methylene chloride | 75-09-2  | Textiles and Leather: 1 | ND                   | µg/L |
| Trichloroethene    | 79-01-6  | Textiles and Leather: 1 | ND                   | µg/L |
| Tetrachloroethene  | 127-18-4 | Textiles and Leather: 1 | ND                   | µg/L |



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**14. Organotin compounds**

With reference to DIN EN ISO17353:2005 (E)

| Test item                                | CAS no.  | Reporting limit            | Result               | Unit |
|--|--|----------------------------|----------------------|------|
|  |  |                            | Untreated Wastewater |      |
| Dipropyltin Compounds (DPT)              | Multiple including:<br>867-36-7                              | Textiles and Leather: 0.01 | ND                   | µg/L |
| Mono-, di- and tri-butyltin derivatives  | Multiple including:<br>1118-46-3,<br>1461-22-9               | Textiles and Leather: 0.01 | ND                   | µg/L |
| Monobutyltin (MBT)                       |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Dibutyltin (DBT)                         |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Tributyltin (TBT)                        |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Mono-, di- and tri-methyltin derivatives | Multiple including:<br>993-16-8,<br>753-73-1,<br>1066-45-1   | Textiles and Leather: 0.01 | ND                   | µg/L |
| Monomethyltin (MMT)                      |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Dimethyltin (DMT)                        |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Trimethyltin (TMT)                       |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Mono-, di- and tri-octyltin derivatives  | Multiple including:<br>3091-25-6,<br>3542-36-7,<br>2587-76-0 | Textiles and Leather: 0.01 | ND                   | µg/L |
| Monooctyltin (MOT)                       |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Diocetyl tin (DOT)                       |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Triocetyl tin (TOT)                      |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Mono-, di- and tri-phenyltin derivatives | Multiple including:<br>1124-19-2,<br>1135-99-5,<br>639-58-7  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Monophenyltin (MPHT)                     |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Diphenyltin (DPHT)                       |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Triphenyltin (TPHT)                      |  | Textiles and Leather: 0.01 | ND                   | µg/L |
| Tetrabutyltin Compounds (TeBT)           | Multiple including:<br>1461-25-2                             | Textiles and Leather: 0.01 | ND                   | µg/L |
| Tetraethyltin Compounds (TeET)           | Multiple including:<br>597-64-8                              | Textiles and Leather: 0.01 | ND                   | µg/L |
| Tetraoctyltin Compounds (TeOT)           | Multiple including:<br>3590-84-9                             | Textiles and Leather: 0.01 | ND                   | µg/L |
| Tricyclohexyltin (TCyHT)                 | Multiple including:<br>3091-32-5                             | Textiles and Leather: 0.01 | ND                   | µg/L |
| Tripropyltin Compounds (TPT)             | Multiple including:<br>2279-76-7                             | Textiles and Leather: 0.01 | ND                   | µg/L |



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**15. Other/Miscellaneous Chemicals**

AEEA, Thiourea: With reference to inhouse method followed by LC-MS/MS

Bisphenol A: With reference to ISO 18857-2:2009

Quinoline: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

Borate, zinc salt: US EPA 200.8:1994

| Test Items                           | CAS no.    | Reporting Limit            | Result                        | Unit |
|--------------------------------------|------------|----------------------------|-------------------------------|------|
|                                      |            |                            | Untreated wastewater          |      |
| AEEA [2-(2-aminoethylamino) ethanol] | 111-41-1   | Textiles and Leather: 500  | ND                            | µg/L |
| Bisphenol A                          | 80-05-7    | Textiles and Leather: 10   | ND                            | µg/L |
| Borate, zinc salt                    | 12767-90-7 | Textiles and Leather: 100* | B: ND (ND)**<br>Zn: ND (ND)** | µg/L |
| Quinoline                            | 91-22-5    | Textiles and Leather: 50   | ND                            | µg/L |
| Thiourea                             | 62-56-6    | Textiles and Leather: 50   | ND                            | µg/L |

\* Limit refers to boron and zinc individually, not the salt.

\*\* Result in term of elemental boron / zinc (Result in term of the corresponding boron / zinc salt)



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**16. Perfluorinated and Polyfluorinated Chemicals (PFCs)**

PFCs: With reference to US EPA 537.1:2020 & inhouse method

FTOH: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items   | CAS no.                       | Reporting Limit            | Result               | Unit |
|--|-------------------------------|----------------------------|----------------------|------|
|  |                               |                            | Untreated wastewater |      |
| Perfluorooctane sulfonate (PFOS)*                          | Multiple including: 1763-23-1 | Textiles and Leather: 0.01 | ND                   | µg/L |
| N-ethylperfluoro-1-octanesulfonamide (EtFOSA)              | 4151-50-2                     | Textiles and Leather: 0.01 | ND                   | µg/L |
| N-methylperfluoro-1-octanesulfonamide (MeFOSA)             | 31506-32-8                    | Textiles and Leather: 0.01 | ND                   | µg/L |
| 2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)  | 1691-99-2                     | Textiles and Leather: 0.01 | ND                   | µg/L |
| 2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (MeFOSE) | 24448-09-7                    | Textiles and Leather: 0.01 | ND                   | µg/L |
| Perfluorooctane sulfonamide (PFOSA)                        | 754-91-6                      | Textiles and Leather: 0.01 | ND                   | µg/L |
| Perfluorooctanoic acid (PFOA)**                            | Multiple including: 335-67-1  | Textiles and Leather: 1    | ND                   | µg/L |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)         | 39108-34-4                    | Textiles and Leather: 1    | ND                   | µg/L |
| Methyl Perfluorooctanoate (Me-PFOA)                        | 376-27-2                      | Textiles and Leather: 1    | ND                   | µg/L |
| Ethyl Perfluorooctanoate (Et-PFOA)                         | 3108-24-5                     | Textiles and Leather: 1    | ND                   | µg/L |
| 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)                 | 678-39-7                      | Textiles and Leather: 1    | ND                   | µg/L |
| 1H,1H,2H,2H-Perfluorodecylacrylate (8:2 FTA)               | 27905-45-9                    | Textiles and Leather: 1    | ND                   | µg/L |
| 8:2 Fluorotelomer methacrylate (8:2 FTMA)                  | 1996-88-9                     | Textiles and Leather: 1    | ND                   | µg/L |

\* 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>4</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)



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**17. Phthalates – including all other esters of ortho-phthalic acid**

With reference to US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items   | CAS no.                 | Reporting Limit          | Result               | Unit |
|--|-------------------------|--------------------------|----------------------|------|
|  |                         |                          | Untreated wastewater |      |
| 1,2-benzenedicarboxylic acid, di-C6-8 branched and linear alkyl esters, C7-rich (DIHP) | 71888-89-6 / 84777-06-0 | Textiles and Leather: 10 | ND                   | µg/L |
| 1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters (DHNUP)        | 68515-42-4 / 68515-50-4 | Textiles and Leather: 10 | ND                   | µg/L |
| Bis(2-methoxyethyl) phthalate (DMEP)   | 117-82-8                | Textiles and Leather: 10 | ND                   | µg/L |
| Butyl benzyl phthalate (BBP)   | 85-68-7                 | Textiles and Leather: 10 | ND                   | µg/L |
| Di-cyclohexyl phthalate (DCHP)   | 84-61-7                 | Textiles and Leather: 10 | ND                   | µg/L |
| Di-iso-decyl phthalate (DIDP)  | 26761-40-0              | Textiles and Leather: 10 | ND                   | µg/L |
| Di-iso-octyl phthalate (DIOP)  | 27554-26-3              | Textiles and Leather: 10 | ND                   | µg/L |
| Di-isobutyl phthalate (DIBP)   | 84-69-5                 | Textiles and Leather: 10 | ND                   | µg/L |
| Di-isononyl phthalate (DINP)   | 28553-12-0              | Textiles and Leather: 10 | ND                   | µg/L |
| Di-n-hexyl phthalate (DnHP)  | 84-75-3                 | Textiles and Leather: 10 | ND                   | µg/L |
| Di-n-octyl phthalate (DNOP)  | 117-84-0                | Textiles and Leather: 10 | ND                   | µg/L |
| Di-n-pentylphthalates  | 131-18-0                | Textiles and Leather: 10 | ND                   | µg/L |
| Di-n-propyl phthalate (DPRP)   | 131-16-8                | Textiles and Leather: 10 | ND                   | µg/L |
| Di(ethylhexyl) phthalate (DEHP)  | 117-81-7                | Textiles and Leather: 10 | ND                   | µg/L |
| Dibutyl phthalate (DBP)  | 84-74-2                 | Textiles and Leather: 10 | ND                   | µg/L |
| Diethyl phthalate (DEP)  | 84-66-2                 | Textiles and Leather: 10 | ND                   | µg/L |
| Diisopentylphthalates  | 605-50-5                | Textiles and Leather: 10 | ND                   | µg/L |
| Dinonyl phthalate (DNP)  | 84-76-4                 | Textiles and Leather: 10 | ND                   | µg/L |



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**18. Polycyclic aromatic hydrocarbons (PAHs)**

With reference to US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items              | CAS no.   | Reporting Limit         | Result               | Unit |
|-------------------------|-----------|-------------------------|----------------------|------|
|                         |           |                         | Untreated wastewater |      |
| Acenaphthene            | 83-32-9   | Textiles and Leather: 1 | ND                   | µg/L |
| Acenaphthylene          | 208-96-8  | Textiles and Leather: 1 | ND                   | µg/L |
| Anthracene              | 120-12-7  | Textiles and Leather: 1 | ND                   | µg/L |
| Benzo(a)anthracene      | 56-55-3   | Textiles and Leather: 1 | ND                   | µg/L |
| Benzo(a)pyrene          | 50-32-8   | Textiles and Leather: 1 | ND                   | µg/L |
| Benzo(b)fluoranthene    | 205-99-2  | Textiles and Leather: 1 | ND                   | µg/L |
| Benzo(e)pyrene          | 192-97-2  | Textiles and Leather: 1 | ND                   | µg/L |
| Benzo(ghi)perylene      | 191-24-2  | Textiles and Leather: 1 | ND                   | µg/L |
| Benzo(j)fluoranthene    | 205-82-3  | Textiles and Leather: 1 | ND                   | µg/L |
| Benzo(k)fluoranthene    | 207-08-09 | Textiles and Leather: 1 | ND                   | µg/L |
| Chrysene                | 218-01-9  | Textiles and Leather: 1 | ND                   | µg/L |
| Dibenz(a,h)anthracene   | 53-70-3   | Textiles and Leather: 1 | ND                   | µg/L |
| Fluoranthene            | 206-44-0  | Textiles and Leather: 1 | ND                   | µg/L |
| Fluorene                | 86-73-7   | Textiles and Leather: 1 | ND                   | µg/L |
| Indeno (1,2,3-cd)pyrene | 193-39-5  | Textiles and Leather: 1 | ND                   | µg/L |
| Naphthalene             | 91-20-3   | Textiles and Leather: 1 | ND                   | µg/L |
| Phenanthrene            | 85-01-8   | Textiles and Leather: 1 | ND                   | µg/L |
| Pyrene                  | 129-00-0  | Textiles and Leather: 1 | ND                   | µg/L |



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**19. Restricted Aromatic Amines (Cleavable from Azo-colourants)**

With reference to EN ISO 14362-1:2017, EN ISO 14362-3:2017 (if needed), US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items  | CAS no.    | Reporting Limit           | Result               | Unit |
|---|------------|---------------------------|----------------------|------|
|   |            |                           | Untreated wastewater |      |
| 2-naphthylamine   | 91-59-8    | Textiles and Leather: 0.1 | ND                   | µg/L |
| 2-naphthylammoniumacetate^  | 553-00-4   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 2,4-xylidine  | 95-68-1    | Textiles and Leather: 0.1 | ND                   | µg/L |
| 2,4,5-trimethylaniline  | 137-17-7   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 2,4,5-trimethylaniline hydrochloride^                                   | 21436-97-5 | Textiles and Leather: 0.1 | ND                   | µg/L |
| 2,6-xylidine  | 87-62-7    | Textiles and Leather: 0.1 | ND                   | µg/L |
| 3,3'-dichlorobenzidine  | 91-94-1    | Textiles and Leather: 0.1 | ND                   | µg/L |
| 3,3-dimethoxybenzidine  | 119-90-4   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 3,3-dimethylbenzidine   | 119-93-7   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4-aminoazobenzene   | 60-09-3    | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4-aminodiphenyl   | 92-67-1    | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4-chloro-o-toluidine  | 95-69-2    | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4-chloro-o-toluidinium chloride^  | 3165-93-3  | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4-chloroaniline   | 106-47-8   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4-methoxy-m-phenylene diammonium sulphate; 2,4-diaminoanisole sulphate^ | 39156-41-7 | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4-methoxy-m-phenylenediamine  | 615-05-4   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4-methyl-m-phenylenediamine   | 95-80-7    | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4,4-methylene-bis-(2-chloro-aniline)                                    | 101-14-4   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4,4-methylenedi-o-toluidine   | 838-88-0   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4,4-methylenedianiline  | 101-77-9   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4,4-oxydianiline  | 101-80-4   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 4,4-thiodianiline   | 139-65-1   | Textiles and Leather: 0.1 | ND                   | µg/L |
| 5-nitro-o-toluidine   | 99-55-8    | Textiles and Leather: 0.1 | ND                   | µg/L |
| 6-methoxy-m-toluidine   | 120-71-8   | Textiles and Leather: 0.1 | ND                   | µg/L |
| Benzidine   | 92-87-5    | Textiles and Leather: 0.1 | ND                   | µg/L |
| o-aminoazotoluene   | 97-56-3    | Textiles and Leather: 0.1 | ND                   | µg/L |
| o-anisidine   | 90-04-0    | Textiles and Leather: 0.1 | ND                   | µg/L |
| o-toluidine   | 95-53-4    | Textiles and Leather: 0.1 | ND                   | µg/L |



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**20. UV Absorbers**

With reference to inhouse method followed by LC-MS/MS

| Test Items  | CAS no.    | Reporting Limit           | Result               | Unit |
|---|------------|---------------------------|----------------------|------|
|   |            |                           | Untreated wastewater |      |
| 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350) | 36437-37-3 | Textiles and Leather: 100 | ND                   | µg/L |
| 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)              | 25973-55-1 | Textiles and Leather: 100 | ND                   | µg/L |
| 2-benzotriazol-2-yl-4,6-di-tertbutylphenol (UV-320)                   | 3846-71-7  | Textiles and Leather: 100 | ND                   | µg/L |
| 2,4-Di-tert-butyl-6-(5-chlorobenzotriazole-2-yl) phenol (UV-327)      | 3864-99-1  | Textiles and Leather: 100 | ND                   | µg/L |

**21. Volatile organic compounds (VOCs)**

Benzene, Xylene, Toluene: With reference to US EPA 8260D: 2018

m-cresol / o-cresol / p-cresol: With reference to US EPA 3510C:1996 & US EPA 8270E:2018

| Test Items | CAS no.   | Reporting Limit         | Result               | Unit |
|------------|-----------|-------------------------|----------------------|------|
|            |           |                         | Untreated wastewater |      |
| Benzene    | 71-43-2   | Textiles and Leather: 1 | ND                   | µg/L |
| m-cresol   | 108-39-4  | Textiles and Leather: 1 | ND                   | µg/L |
| o-cresol   | 95-48-7   | Textiles and Leather: 1 | ND                   | µg/L |
| p-cresol   | 106-44-5  | Textiles and Leather: 1 | ND                   | µg/L |
| Toluene    | 108-88-3  | Textiles and Leather: 1 | ND                   | µg/L |
| Xylene     | 1330-20-7 | Textiles and Leather: 1 | ND                   | µg/L |

**Remark**

- 1 µg/L = 0.001 ppm
- ND = Not detected (< Reporting limit)
- NA = Not applicable
- NC = Not conducted
- = Not required to be tested



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**SLUDGE**

**22. Sludge Parameters - Step 1 - Conventional**

% Solids:

| Test item | CAS no. | Limit                  |                        |                        |                        |                        |                        |                        | Reporting limit | Result | Unit |
|-----------|---------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------|--------|------|
|           |         | Pathway A              | Pathway B              | Pathway C              | Pathway D              | Pathway E              | Pathway F              | Pathway G              |                 | Sludge |      |
| % Solids  | -       | Sample and Report Only | -               | 36.2   | %    |

**23. Sludge Parameters - Step 1 - MRSL - Alkylphenol (AP) and Alkylphenol Ethoxylates (APEOs): including all isomers**

NP/OP: With reference to inhouse method followed by GC-MS

NP/PEO: With reference to inhouse method followed by GC-MS & LC-MS/MS

| Test Items                      | CAS no.   | Limit – Dry weight     |                        |                        |           |           |           |           | Reporting Limit           | Result | Unit  |
|---------------------------------|---|------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------|--------|-------|
|                                 |   | Pathway A              | Pathway B              | Pathway C              | Pathway D | Pathway E | Pathway F | Pathway G |                           | Sludge |       |
| Nonylphenol ethoxylates (NPEO)  | Multiple including:<br>9016-45-9 /<br>26027-38-3 /<br>37205-87-1 /<br>68412-54-4 /<br>127087-87-0 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.4       | 0.4       | 0.4       | 0.4       | Textiles and Leather: 0.4 | ND     | mg/kg |
| Nonylphenol (NP), mixed isomers | Multiple including:<br>104-40-5 /<br>11066-49-2 /<br>25154-52-3 /<br>84852-15-3                   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.4       | 0.4       | 0.4       | 0.4       | Textiles and Leather: 0.4 | ND     | mg/kg |
| Octylphenol ethoxylates (OPEO)  | Multiple including:<br>9002-93-1 /<br>9036-19-5 /<br>68987-90-6                                   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.4       | 0.4       | 0.4       | 0.4       | Textiles and Leather: 0.4 | ND     | mg/kg |
| Octylphenol (OP), mixed isomers | Multiple including:<br>140-66-9 /<br>1806-26-4 /<br>27193-28-8                                    | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.4       | 0.4       | 0.4       | 0.4       | Textiles and Leather: 0.4 | ND     | mg/kg |



24. Sludge Parameters - Step 1 - MRSL – Polycyclic Aromatic Hydrocarbons (PAHs)

With reference to US EPA 3570 & US EPA 8270E:2018

| Test Items           | CAS no.   | Limit – Dry weight     |                        |                        |           |           |           |           | Reporting Limit (Textile) | Result | Unit  |
|----------------------|-----------|------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------|--------|-------|
|                      |           | Pathway A              | Pathway B              | Pathway C              | Pathway D | Pathway E | Pathway F | Pathway G |                           | Sludge |       |
| Acenaphthene         | 83-32-9   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Acenaphthylene       | 208-96-8  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Anthracene           | 120-12-7  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Benzo(a)anthracene   | 56-55-3   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Benzo(a)pyrene       | 50-32-8   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Benzo(b)fluoranthene | 205-99-2  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Benzo(e)pyrene       | 192-97-2  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Benzo(ghi)perylene   | 191-24-2  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Benzo(j)fluoranthene | 205-82-3  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Benzo(k)fluoranthene | 207-08-09 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |
| Chrysene             | 218-01-9  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2 | ND     | mg/kg |



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|                         |          |                        |                        |                        |     |     |     |     |                           |    |       |
|-------------------------|----------|------------------------|------------------------|------------------------|-----|-----|-----|-----|---------------------------|----|-------|
| Dibenz(a,h)anthracene   | 53-70-3  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Fluoranthene            | 206-44-0 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Fluorene                | 86-73-7  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Indeno (1,2,3-cd)pyrene | 193-39-5 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Naphthalene             | 91-20-3  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Phenanthrene            | 85-01-8  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Pyrene                  | 129-00-0 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |



25. Sludge Parameters - Step 1 - MRSL – Chlorotoluenes

With reference to US EPA 3570 & US EPA 8270E:2018

| Test Items             | CAS no.    | Limit – Dry weight     |                        |                        |           |           |           |           | Reporting Limit<br>(Textile and Leather) | Result | Unit  |
|------------------------|------------|------------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|--|--------|-------|
|                        |            | Pathway A              | Pathway B              | Pathway C              | Pathway D | Pathway E | Pathway F | Pathway G |  | Sludge |       |
| 2-Chlorotoluene        | 95-49-8    | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 3-Chlorotoluene        | 108-41-8   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 4-Chlorotoluene        | 106-43-4   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 2,3-Dichlorotoluene    | 32768-54-0 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 2,4-Dichlorotoluene    | 95-73-8    | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 2,5-Dichlorotoluene    | 19398-61-9 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 2,6-Dichlorotoluene    | 118-69-4   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 3,4-Dichlorotoluene    | 95-75-0    | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 3,5-Dichlorotoluene    | 25186-47-4 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 2,3,4-Trichlorotoluene | 7359-72-0  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |
| 2,3,6-Trichlorotoluene | 2077-46-5  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2       | 0.2       | 0.2       | 0.2       | Textiles and Leather: 0.2                | ND     | mg/kg |



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|                            |            |                        |                        |                        |     |     |     |     |                           |    |       |
|----------------------------|------------|------------------------|------------------------|------------------------|-----|-----|-----|-----|---------------------------|----|-------|
| 2,4,5-Trichlorotoluene     | 6639-30-1  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,4,6-Trichlorotoluene     | 23749-65-7 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 3,4,5-Trichlorotoluene     | 21472-86-6 | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,3,4,5-Tetrachlorotoluene | 1006-32-2  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,3,4,6-Tetrachlorotoluene | 875-40-1   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| 2,3,5,6-Tetrachlorotoluene | 1006-31-1  | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |
| Pentachlorotoluene         | 877-11-2   | Sample and Report Only | Sample and Report Only | Sample and Report Only | 0.2 | 0.2 | 0.2 | 0.2 | Textiles and Leather: 0.2 | ND | mg/kg |

**Remark**

- ND = Not detected (< Reporting limit)
- NA = Not applicable
- NC = Not conducted
- = Not required to be tested



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**Annex A: Sampling photos & Sampling locations**

| UNTREATED WASTEWATER   |
|--|
| Date & Time of Measurement: 05/11/2025; 10:05<br>GPS Data: 30°50'25.62" N, 120°31'03.98" E |
| SAMPLING LOCATION, CLOSE-UP VIEW   |
|          |
| SAMPLING LOCATION, FAR VIEW  |
|          |

| EFFLUENT   |
|--|
| Date & Time of Measurement: 05/11/2025; 10:01<br>GPS Data: 30°50'25.86" N, 120°31'02.51" E |
| SAMPLING LOCATION, CLOSE-UP VIEW   |
|         |
| SAMPLING LOCATION, FAR VIEW  |
|        |



**SLUDGE**

Date & Time of Measurement: 05/11/2025; 12:21

GPS Data: 30°50'24.14" N, 120°31'01.85" E

**SAMPLING LOCATION, CLOSE-UP VIEW**



**SAMPLING LOCATION, FAR VIEW**



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## Annex B: ZDHC Wastewater Sampling Field Data Form and Representative Sample Declaration

SHSL-R-W-CB-018-15

  
**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: 苏州南华洁环保科技有限公司  
工厂地址 Factory Address: 苏州工业园区松陵镇湖岸村罗岗路99号  
采样日期 Sampling Date: 2025年11月5日

|   |  |  |  |
|---|--|--|--|
| <input type="checkbox"/> Incoming Water | <input checked="" type="checkbox"/> Untreated Wastewater | <input checked="" type="checkbox"/> Effluent | <input checked="" type="checkbox"/> Sludge |
| 样品ID Sample ID:                         | SL525-0280-2   | SL525-0280-1                                 | SL525-0280-3                               |
| 采样地点 Sampling Location:                 | 原废水收集池   | 外排废水收集池                                      | 污泥堆场                                       |
| GPS数据 GPS Data:                         | N:30°50'56.2" E:120°10'10.8"                             | N:30°50'50.0" E:120°10'51.1"                 | N:30°50'54.14" E:120°10'01.85"             |
| 采样时间 Sampling Time:                     | 10:10 - 10:20  | 9:50 - 10:00                                 | 12:10 - 12:20                              |

**采样员信息 Sampler Information:**

采样员姓名 Sampler Name: 胡驰  
采样员邮箱 Sampler E-mail: hu.chi@sgs.com  
ZDHC 授权采样员证书号 ZDHC Sampler Accreditation Cert. No.: C74D106817275

**采样方法 Sampling Method:**

Incoming Water  Grab  6-hour Composite  Others, please specify: \_\_\_\_\_  
 Autosampler  Manual

Untreated 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/pre-treatment)  Indirect (w/o pre-treatment)  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 | N/A       | N/A          | N/A        |

**ZDHC 废水装置尺寸 ZDHC Wastewater Flow Device Dimensions**

| Measurement (cm) | Meter | Pip(O) | Flume (U) | Wier (V) |
|------------------|-------|--------|-----------|----------|
| Diameter         | NA    | N/A    | N/A       | N/A      |
| Depth            | NA    | NA     | NA        | N/A      |

**ZDHC 废水采样现场测试记录 (见附带的废水/土壤采样记录表)**  
**ZDHC Wastewater Sample Collection Field Test Measurements (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范围和废水流量下采集的。The wastewater samples have been collected under the facility's normal production scale and wastewater flow rate. 下面列出的采样员来到现场并收集了样品。The sampler listed below was on-site and collected the samples.

工厂名称 Factory Name: 苏州南华洁环保科技有限公司  
工厂代表姓名 Factory Representative Name: 陈瑞元  
工厂代表签名和盖章 Factory Representative Signature and Stamp: [Signature and Stamp of Chen Ruiyuan]

采样员姓名 Sampler Name: 胡驰  
ZDHC 授权采样员证书号 ZDHC Sampler Accreditation Cert. No.: C74D106817275  
采样员签名 Sampler Signature: [Signature of Hu Chi]

日期 Date: 2025.11.5  
日期 Date: 2025.11.5

Effective date 2023.12.22



UNTREATED WASTEWATER



水质采样记录

SHSL-R-WI-CS-016-02

Water Sampling Records

任务单号 Task Number: SL52525366520801TX 采样日期 Sampling Date: 2025.11.5 委托单位 Client: ITX TRADING SA  
 天气状况 Weather Conditions: 晴 水体类型 Type of Water: 原水 受检单位 Factory: 苏州南华纺织整理科技有限公司  
 其他仪器设备 (名称、编号) Other instruments and equipment (name, number): DH4 TX-772

参考采样规范 Reference Sampling Specification:  ZDHC-SAP  Others:

| 样品编号<br>Sample Number | 采样位置<br>Sampling Location | 采样时间<br>Sampling Time (Hours) | 温度 Temp (°C)                 |                         | pH  | 溶解氧<br>Dissolved Oxygen (mg/L) | 总氯<br>Total Chlorine (mg/L) | 废水流量<br>Wastewater Flow Meter (L/min) | 交替测量<br>Alternate Measured Flow |                       | 采样体积<br>Sample Volume (mL) | 容器材质<br>Container Material | 保存方式<br>Storage Method | 可见颜色<br>Visible Colour | 持久性泡沫<br>Persistent Foam (Yes/No) |
|-----------------------|---------------------------|-------------------------------|------------------------------|-------------------------|-----|--------------------------------|-----------------------------|---------------------------------------|---------------------------------|-----------------------|----------------------------|----------------------------|------------------------|------------------------|-----------------------------------|
|                       |                           |                               | 废水排放<br>Wastewater Discharge | 接收水体<br>Receiving Water |     |                                |                             |                                       | 深度<br>Depth (cm)                | 速度<br>Velocity (cm/s) |                            |                            |                        |                        |                                   |
| SL52525366520801TX    | 原水                        | 10:20-10:20                   | 35.9                         |                         | 6.4 |                                |                             |                                       |                                 |                       |                            |                            |                        | 清澈                     | 无                                 |
|                       | 流通池                       | 11:20-11:20                   | 36.2                         |                         | 6.5 |                                |                             |                                       |                                 |                       |                            |                            |                        | 清澈                     | 无                                 |
|                       |                           | 12:10-12:20                   | 36.6                         |                         | 7.7 |                                |                             |                                       |                                 |                       |                            |                            |                        | 清澈                     | 无                                 |
|                       |                           | 13:10-13:20                   | 32.3                         |                         | 6.8 |                                |                             |                                       |                                 |                       | 5990                       | P+G                        | 1-2-3-4                | 清澈                     | 无                                 |
|                       |                           | 14:10-14:20                   | 34.5                         |                         | 7.6 |                                |                             |                                       |                                 |                       |                            |                            |                        | 清澈                     | 无                                 |
|                       |                           | 15:10-15:20                   | 35.7                         |                         | 8.0 |                                |                             |                                       |                                 |                       |                            |                            |                        | 清澈                     | 无                                 |
|                       |                           | 16:10-16:20                   | 34.1                         |                         | 7.9 |                                |                             |                                       |                                 |                       |                            |                            |                        | 清澈                     | 无                                 |
| 均值<br>Average         |                           |                               | 34.8                         |                         | 7.3 |                                |                             |                                       |                                 |                       |                            |                            |                        |                        |                                   |

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 照片拍摄时间 Time of Photo: 10:05  
 (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.  
 水质表观: 水体颜色、(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, 是否排水区、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:  标签完好 Unbroken label  冷藏 Refrigeration  避光 Protect from light  减振措施 Vibration reduction 5. 其他 Others:

采样员 Sampler: 胡迪 客户确认 Client Confirmation: 张华

Effective date: 2023.12.26



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EFFLUENT



水质采样记录

SHSL-R-WI-CS-018-02

Water Sampling Records

任务单号 Task Number: SL52525366520801TX 采样日期 Sampling Date: 2025/11/5 委托单位 Client: ITX TRADING SA  
 天气状况 Weather Conditions: 晴 水体类型 Type of Water: 排入外排池 受检单位 Factory: 苏州南华纺织整理科技有限公司  
 其他仪器设备 (名称、编号) Other instruments and equipment (name, number): DH21 TX-772  
 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) |                         |                         |                     |                     |                                |   |
| SL525-0286.1       | 外排池 采样点                | 0                          | 9:50-10:50                | 20.2                 | 6.7 |                             |                          |                                   |                                |                    |                         |                         |                     | 近无色                 | 无                              |   |
|                    |                        | 1                          | 10:50-11:50               | 20.5                 | 6.6 |                             |                          |                                   |                                |                    |                         |                         |                     | 近无色                 | 无                              |   |
|                    |                        | 2                          | 11:50-12:50               | 20.6                 | 6.7 |                             |                          | 27.8                              |                                |                    |                         |                         |                     |                     | 近无色                            | 无 |
|                    |                        | 3                          | 12:50-13:50               | 20.9                 | 6.7 |                             |                          | 18.9                              | 5                              |                    | 330                     | PE                      | 12-24               |                     | 近无色                            | 无 |
|                    |                        | 4                          | 13:50-14:50               | 21.3                 | 6.8 |                             |                          | 6.2                               | 2                              |                    |                         |                         |                     |                     | 近无色                            | 无 |
|                    |                        | 5                          | 14:50-15:50               | 21.7                 | 6.7 |                             |                          |                                   |                                |                    |                         |                         |                     |                     | 近无色                            | 无 |
| 6                  | 15:50-16:50            | 21.8                       | 6.7                       |                      |     |                             |                          |                                   |                                |                    |                         |                         | 近无色                 | 无                   |                                |   |
| 均值 Average         |                        |                            | 21.0                      | 6.7                  |     |                             |                          |                                   |                                |                    |                         |                         |                     |                     |                                |   |

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:  标签完好 Unbroken label  冷藏 Refrigeration  避光 Protect from light  减振措施 Vibration reduction 5. 其他 Others: \_\_\_\_\_  
 照片拍摄时间 Time of Photo: 10:01  
 其他现场信息: 现场水质异常拍摄时间: 10:32  
 客户确认 Client Confirmation: 陈洁元

采样员 Sampler: 胡驰

Effective date: 2023.12.26



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 Softline Laboratory

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SLUDGE



SHSL-R-WI-CS-016-03

土壤采样记录  
Soil Sampling Records

任务单号 Task Number: SL525-0286-3

采样日期 Sampling Date: 2025.11.5

委托单位 Client: ITR TRADING SA

天气状况 Weather Conditions: 晴

采样仪器 Sampling Instrument: \_\_\_\_\_

受检单位 Factory: 苏州奇华纺织印染有限公司

| 样品编号 Sample Number | 采样位置 Sampling Location | 采样时间 Sampling Time (Hours) | 采样量 Sample Size | 容器材质 Container Material | 采样深度 Sampling Depth | 样品描述 Sample Description | GPS                               | 备注 Remark |
|--------------------|------------------------|----------------------------|-----------------|-------------------------|---------------------|-------------------------|-----------------------------------|-----------|
| SL525-0286-3       | 污泥堆放处                  | 12:10-12:20                | 1800g           | G                       | /                   | 黑色                      | N=30°50'24.14"<br>E=120°31'01.85" |           |
|                    |                        |                            |                 |                         |                     |                         |                                   |           |
|                    |                        |                            |                 |                         |                     |                         |                                   |           |
|                    |                        |                            |                 |                         |                     |                         |                                   |           |
|                    |                        |                            |                 |                         |                     |                         |                                   |           |
|                    |                        |                            |                 |                         |                     |                         |                                   |           |
|                    |                        |                            |                 |                         |                     |                         |                                   |           |
|                    |                        |                            |                 |                         |                     |                         |                                   |           |
|                    |                        |                            |                 |                         |                     |                         |                                   |           |
|                    |                        |                            |                 |                         |                     |                         |                                   |           |

备注 Remarks: 容器材质: G代表玻璃瓶 Container Material: G stands for glass bottle 照片拍摄时间 Time of Photo: 12:21

样品现场密封 Samples are sealed in the field  
 采样现场周围异味 Odor around the sampling site:  恶臭 foudl odor  很臭 very smelly  臭 smelly  微臭 slightly smelly  其他 Others \_\_\_\_\_

采样员 Sampler: 胡驰

客户确认 Client Confirmation: 张秋元



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Annex C: Limit according to FACTORY DISCHARGE LICENCE BASED ON GB 4287-2012 Discharge standards

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) |
|-------|-------|------------|-----------------|
| DW001 | 废水排放口 | 色度         | 80              |
| DW001 | 废水排放口 | 总氮 (以N计)   | 30mg/L          |
| DW001 | 废水排放口 | 总磷 (以P计)   | 1.5mg/L         |
| DW001 | 废水排放口 | 苯胺类        | 1.0mg/L         |
| DW001 | 废水排放口 | 总镉         | 0.1mg/L         |
| DW001 | 废水排放口 | 化学需氧量      | 500mg/L         |
| DW001 | 废水排放口 | 硫化物        | 0.5mg/L         |
| DW001 | 废水排放口 | 五日生化需氧量    | 150mg/L         |
| DW001 | 废水排放口 | pH值        | 6-9             |
| DW001 | 废水排放口 | 悬浮物        | 100mg/L         |
| DW001 | 废水排放口 | 氨氮 (NH3-N) | 20mg/L          |

\*\*\*\*END OF REPORT\*\*\*\*



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