

# Test Report

Report No.:CTT2112033685EN

Applicant:

Address:

Sample Received Date: Dec. 22, 2021

Completed Date: Jan. 06, 2022

Report Date: Jan. 06, 2022

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: fabric fan

Model No.: 8863,8096,6407,6467,6476

Supplier:

Manufacturer:

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT:



Frank

Technical Manager

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please refer to the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "N" means they are not accredited by CNAS (if with CNAS10590) or means the item of subcontractors. All part of items of this report are not in the accredited scope of CMA and cannot be as domestic social impartiality proof data.



**Test Requested and Conclusion(s):**

| No. | Standard and Requirement  | Conclusion(s) |
|-----|---|---------------|
| 1   | Client's requirements<br>- Qualitative analysis of main component                                       | PASS          |
| 2   | Annex XVII items 63 of the REACH Regulation (EC) No. 1907/2006 and its amendment<br>- Lead              | PASS          |
| 3   | Annex XVII items 23 of the REACH Regulation (EC) No. 1907/2006 and its amendment<br>- Cadmium           | PASS          |
| 4   | Annex XVII items 43 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009<br>- Azo Dyes | PASS          |
| 5   | Annex XVII items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 and its amendment<br>- Phthalates   | PASS          |
| 6   | (EU) 2019/1021 of POPs<br>- Pentachlorophenol and its salts and esters(PCP)                             | PASS          |

**Test Result(s):**

 Qualitative analysis of main component - Client's requirements<sup>1</sup>

 Method:With reference to ASTM E1252-98(2013)<sup>1</sup>, analysis was performed by FTIR.

| Substances   | Main Component                  | Conclusion |
|--------------|---------------------------------|------------|
| CAS No.      | --                              |            |
| Limit        | Polyethylene terephthalate(PET) |            |
| Material No. | Result                          |            |
| 3            | Polyethylene terephthalate(PET) | PASS       |

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "h" means they are not accredited by CNAS (if with CNAS logo), "s" means the item of subcontractor. All or part of terms of this report are not in the accredited scope of CMA and cannot be as domestic social impartiality proof data.

# Test Report

Report No.: CTT2112033685EN

Page 3 of 9

**Test Result(s):**

 Pentachlorophenol and its salts and esters(PCP)<sup>a</sup>

Method: CEN/TR 14823:2003, analyzed by Gas Chromatograph-Mass Spectrometry (GC-MS).

| Material No. | Limit (mg/kg) | Result (mg/kg) | Conclusion |
|--------------|---------------|----------------|------------|
| 2            | 5             | N.D.           | PASS       |
| 4            | 5             | N.D.           | PASS       |
| 6            | 5             | N.D.           | PASS       |
| 27           | 5             | N.D.           | PASS       |

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (<RL).
  3. RL (Reporting Limit) = 0.1 mg/kg.

**Test Result(s):**

Lead - Annex XVII items 63 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: CPSC-CH-E1002-08.3, analyzed by Atomic Absorption Spectrometer (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

| Substances              | Pb             | Conclusion |
|-------------------------|----------------|------------|
| CAS No.                 | 7439-92-1      |            |
| Reporting Limit (mg/kg) | 10             |            |
| Limit (mg/kg)           | 500            |            |
| Material No.            | Result (mg/kg) |            |
| 1                       | N.D.           | PASS       |
| 3                       | N.D.           | PASS       |
| 5                       | N.D.           | PASS       |
| 7+8+9                   | N.D.           | PASS       |
| 18+19+20                | N.D.           | PASS       |

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (Less than Reporting Limit).
  3. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if materials are tested separately. This had not been taken in account in the conclusion of this report.

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "s" means the item of subcontractor. All or part of terms of this report are not in the accredited scope of CMA and cannot be as domestic social impartiality proof data.



# Test Report

Report No.:CTT2112033685EN

Page 4 of 9

## Test Result(s):

Cadmium - Annex XVII items 23 of the REACH Regulation (EC) No. 1907/2006 and its amendment

Method: CPSC-CH-E1002-08.3, analyzed by Atomic Absorption Spectrometer (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

| Substances              | Cd             | Conclusion |
|-------------------------|----------------|------------|
| CAS No.                 | 7440-43-9      |            |
| Reporting Limit (mg/kg) | 2              |            |
| Limit (mg/kg)           | 100            |            |
| Material No.            | Result (mg/kg) |            |
|                         | N.D.           | PASS       |
| 3                       | N.D.           | PASS       |
| 5                       | N.D.           | PASS       |
| 10+11+12                | N.D.           | PASS       |
| 21+22+23                | N.D.           | PASS       |

## NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than Reporting Limit).
3. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if materials are tested separately. This had not been taken in account in the conclusion of this report.

## Test Result(s):

Azo Dyes - Annex XVII items 43 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009

Method: EN ISO 14362-1:2017 & EN ISO 14362-3:2017, analyzed by Gas Chromatography-Mass Spectrometer (GC-MS) or High performance liquid chromatography (HPLC).

| No. | Substances Name              | CAS No.  | Limit (mg/kg) | Reporting Limit (mg/kg) | Result (mg/kg) |           |
|-----|------------------------------|----------|---------------|-------------------------|----------------|-----------|
|     |                              |          |               |                         | 16+17*         | 24+25+26* |
| 1   | 4-aminobiphenyl              | 92-67-1  | 30            | 5                       | N.D.           | N.D.      |
| 2   | benzidine                    | 92-87-5  | 30            | 5                       | N.D.           | N.D.      |
| 3   | 4-chloro-o-toluidine         | 95-69-2  | 30            | 5                       | N.D.           | N.D.      |
| 4   | 2-naphthylamine              | 91-59-8  | 30            | 5                       | N.D.           | N.D.      |
| 5   | o-aminoazotoluene            | 97-56-3  | 30            | 5                       | N.D.           | N.D.      |
| 6   | 5-nitro-o-toluidine          | 99-55-8  | 30            | 5                       | N.D.           | N.D.      |
| 7   | 4-chloroaniline              | 106-47-8 | 30            | 5                       | N.D.           | N.D.      |
| 8   | 4-methoxy-m-phenylenediamine | 615-05-4 | 30            | 5                       | N.D.           | N.D.      |
| 9   | 4,4'-diaminodiphenylmethane  | 101-77-9 | 30            | 5                       | N.D.           | N.D.      |

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "s" means the item of subcontractor. All or part of terms of this report are not in the accredited scope of CMA and cannot be as domestic social impartiality proof data.



|                   |                                       |          |    |   |      |      |
|-------------------|---------------------------------------|----------|----|---|------|------|
| 10                | 3,3'-dichlorobenzidine                | 91-94-1  | 30 | 5 | N.D. | N.D. |
| 11                | 3,3'-dimethoxybenzidine               | 119-90-4 | 30 | 5 | N.D. | N.D. |
| 12                | 3,3'-dimethylbenzidine                | 119-93-7 | 30 | 5 | N.D. | N.D. |
| 13                | 4,4'-methylenedi-o-toluidine          | 838-88-0 | 30 | 5 | N.D. | N.D. |
| 14                | p-cresidine                           | 120-71-8 | 30 | 5 | N.D. | N.D. |
| 15                | 4,4'-methylene-bis-(2-chloro-aniline) | 101-14-4 | 30 | 5 | N.D. | N.D. |
| 16                | 4,4'-oxydianiline                     | 101-80-4 | 30 | 5 | N.D. | N.D. |
| 17                | 4,4'-thiodianiline                    | 139-65-1 | 30 | 5 | N.D. | N.D. |
| 18                | o-toluidine                           | 95-53-4  | 30 | 5 | N.D. | N.D. |
| 19                | 4-methyl-m-phenylenediamine           | 95-80-7  | 30 | 5 | N.D. | N.D. |
| 20                | 2,4,5-trimethylaniline                | 137-17-7 | 30 | 5 | N.D. | N.D. |
| 21                | 2-anisidine                           | 90-04-0  | 30 | 5 | N.D. | N.D. |
| 22                | 4-aminoazobenzene                     | 60-09-3  | 30 | 5 | N.D. | N.D. |
| <b>Conclusion</b> |                                       |          |    |   | PASS | PASS |

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (Less than Reporting Limit).
  3. The CAS No. 97-56-3 (No.5) and 99-55-8 (No.6) are further reduced to CAS No.95-53-4(No.18) and 95-80-7(No.19).
  4. Azo colorants that are able to form 4-aminoazobenzene(No.22), generate under the condition of this method aniline and 1, 4-phenylenediamine, therefore, the method of EN ISO 14362-3:2017 was employed to verify the 4-aminoazobenzene.
  5. \*+\* = The test result is obtained from composite testing on materials linked with "+\*" mark, it is possible that individual test result can be higher if materials are tested separately. This had not been taken in account in the conclusion of this report.
  6. \*\*\* = The test sample(s) is received on Jan. 04, 2022.

**Test Result(s):**

Phthalates - Annex XVII items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 and its amendment  
 Method: CPSC-CH-C1001-09.4, analyzed by Gas Chromatography-Mass Spectrometer (GC-MS).

| No. | Substances Name | CAS No.  | Limit (mg/kg) | Reporting Limit (mg/kg) | Result (mg/kg) |          |
|-----|-----------------|----------|---------------|-------------------------|----------------|----------|
|     |                 |          |               |                         | 13+14+15       | 18+19+20 |
| 1   | DBP             | 84-74-2  | --            | 50                      | N.D.           | N.D.     |
| 2   | BBP             | 85-68-7  | --            | 50                      | N.D.           | N.D.     |
| 3   | DEHP            | 117-81-7 | --            | 50                      | N.D.           | N.D.     |
| 4   | DNOP            | 117-84-0 | --            | 50                      | N.D.           | N.D.     |

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "c" means the item of subcontractor. All or part of items of this report are not in the accredited scope of CMA and cannot be as domestic social impartiality proof data.



|                   |                            |                       |      |     |      |      |
|-------------------|----------------------------|-----------------------|------|-----|------|------|
| 5                 | DINP                       | 28553-12-C/68515-48-0 | --   | 100 | N.D. | N.D. |
| 6                 | DIDP                       | 26761-40-C/68515-49-1 | --   | 100 | N.D. | N.D. |
| 7                 | DIBP                       | 84-69-5               | --   | 50  | N.D. | N.D. |
| 8                 | Sum<br>(DBP+BBP+DEHP+DIBP) | --                    | 1000 | 50  | N.D. | N.D. |
| 9                 | Sum<br>(DNOP+DINP+DIDP)    | --                    | 1000 | 50  | N.D. | N.D. |
| <b>Conclusion</b> |                            |                       |      |     | PASS | PASS |

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (Less than Reporting Limit).
  3. "+" = The test result is obtained from composite testing on materials linked with "+" mark, it is possible that individual test result can be higher if materials are tested separately. This had not been taken in account in the conclusion of this report.

### Test Material List

| Material No. | Sample Description                                | Location               |
|--------------|---|------------------------|
| 1            | Beige white synthetic fiber                       | Surface of folding fan |
| 2            | Brown wood  | Folding fan bone       |
| 3            | White synthetic fiber                             | Surface of folding fan |
| 4            | Brown wood  | Folding fan bone       |
| 5            | Multicolor leatherette with brown synthetic fiber | Surface of folding fan |
| 6            | Brown wood  | Folding fan bone       |
| 7            | White plastic                                     | Folding fan bone       |
| 8            | Pink plastic                                      | Folding fan bone       |
| 9            | Fuschia plastic                                   | Folding fan bone       |
| 10           | Purple plastic                                    | Folding fan bone       |
| 11           | Dark blue plastic                                 | Folding fan bone       |
| 12           | Light blue plastic                                | Folding fan bone       |
| 13           | Black plastic                                     | Folding fan bone       |
| 14           | Green plastic                                     | Folding fan bone       |
| 15           | Red plastic                                       | Folding fan bone       |
| 16           | Yellow synthetic fiber                            | Surface of folding fan |
| 17           | Orange synthetic fiber                            | Surface of folding fan |

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.ctilab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "s" means the item of subcontractor. All or part of terms of this report are not in the accredited scope of CMA and cannot be as domestic social impartiality proof data.

# Test Report

Report No.:CTT2112033685EN

Page 7 of 9

|    |                         |                           |
|----|-------------------------|---------------------------|
| 18 | Green synthetic fiber   | Surface of folding fan    |
| 19 | White synthetic fiber   | Surface of folding fan    |
| 20 | Fuschia synthetic fiber | Surface of folding fan    |
| 21 | Red synthetic fiber     | Surface of folding fan    |
| 22 | Purple synthetic fiber  | Surface of folding fan    |
| 23 | Blue synthetic fiber    | Surface of folding fan    |
| 24 | Black synthetic fiber   | Surface of folding fan    |
| 25 | Yellow synthetic fiber  | Surface of folding fan    |
| 26 | Orange synthetic fiber  | Surface of folding fan    |
| 27 | Brown wood              | Folding fan bone (orange) |

Photo of Sample:

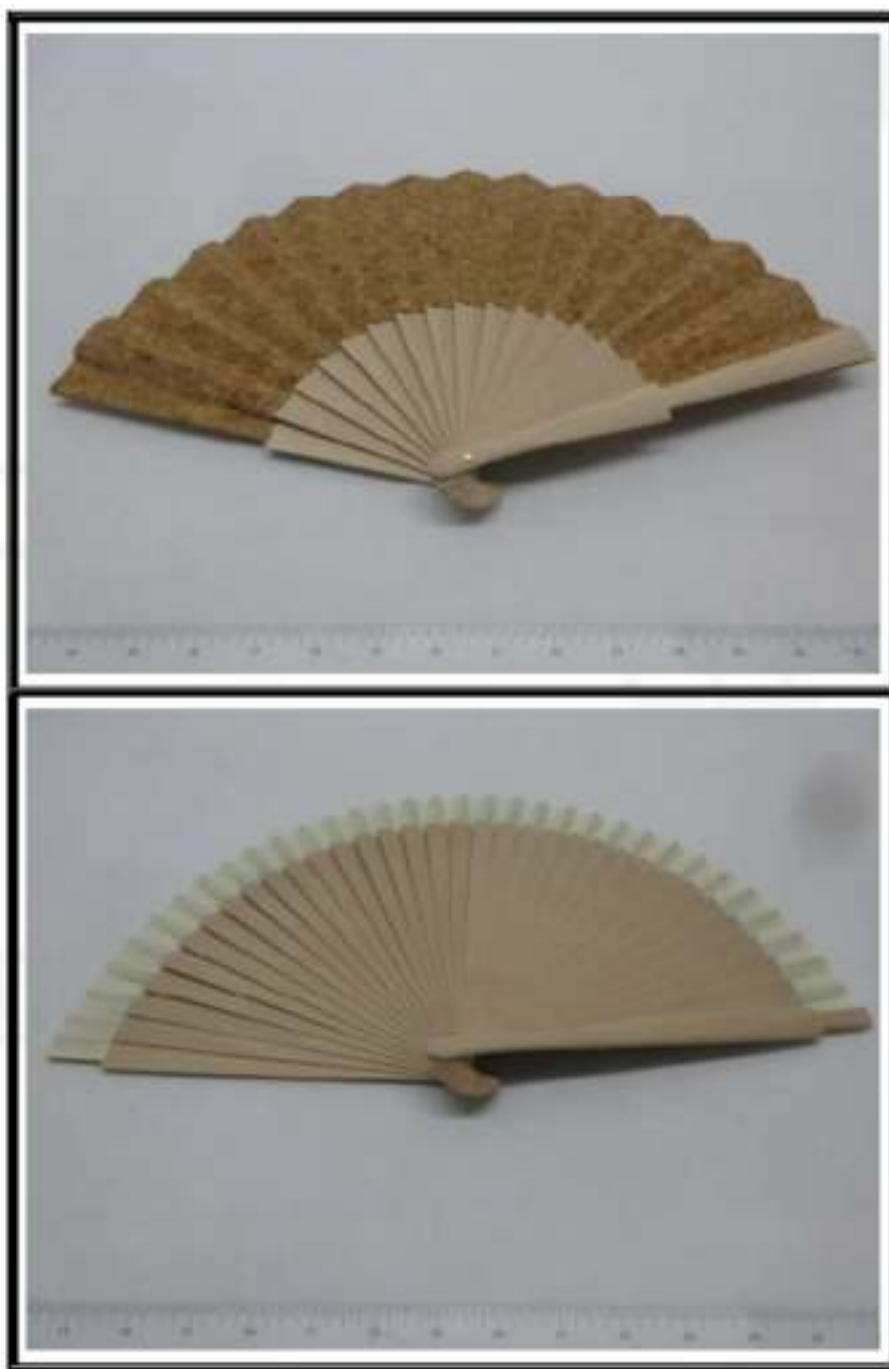


This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.ctilab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "N" means they are not accredited by CNAS (if with CNAS logo), "S" means the item of subcontractor. All or part of terms of this report are not in the accredited scope of CMA and cannot be as domestic social impartiality proof data.



This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.ctilab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "s" means the item of subcontractor. All or part of items of this report are not in the accredited scope of CMA and cannot be as domestic social impartiality proof data.





\*\*\*End of Report\*\*\*

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.ctilab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with DiAS logo), "s" means the item of subcontractor. All or part of terms of this report are not in the accredited scope of CMA and cannot be as domestic social impartiality proof data.