



Test Report

No.: ETR21800999

Date: 16-Aug-2021

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TAI CHANG COLORFUL PRESS INDUSTRIAL CO., LTD.
NO. 138-1, TONGTIAN ROAD, DAJIA DIST., TAICHUNG CITY 437, TAIWAN

The following sample(s) was/were submitted and identified by/on behalf of the applicant as:

Sample Submitted By : TAI CHANG COLORFUL PRESS INDUSTRIAL CO., LTD.
Sample Name : TWG-D-18771-2

Sample Receiving Date : 05-Aug-2021
Testing Period : 05-Aug-2021 to 16-Aug-2021

Test Requested : Testing item(s) is/are specified by client. Please refer to result table for testing item(s).

Test Results : Please refer to following pages.


Troy Chang, Manager, Technical
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: 1A32946E

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Test Part Description

No.1 : BROWN/WHITE FILM

Test Result(s)

| Test Item(s) | Method | Unit | MDL | Result |
|--|--|-------|-----|--------|
| | | | | No.1 |
| 1,1,1,2-Tetrachloroethane (CAS No.: 630-20-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,1,1-Trichloroethane (CAS No.: 71-55-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,1,2,2-Tetrachloroethane (CAS No.: 79-34-5) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,1,2-Trichloroethane (CAS No.: 79-00-5) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,1-Dichloroethene (CAS No.: 75-35-4) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,1-Dichloroethane (CAS No.: 75-34-3) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,1-Dichloropropene (CAS No.: 563-58-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,2,3-Trichlorobenzene (CAS No.: 87-61-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,2,3-Trichloropropane (CAS No.: 96-18-4) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,2,4-Trichlorobenzene (CAS No.: 120-82-1) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,2,4-Trimethylbenzene (CAS No.: 95-63-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,2-Dibromo-3-chloropropane (CAS No.: 96-12-8) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,2-Dibromoethane (CAS No.: 106-93-4) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,2-Dichlorobenzene (CAS No.: 95-50-1) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,2-Dichloroethane (CAS No.: 107-06-2) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |

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| Test Item(s) | Method | Unit | MDL | Result |
|--|--|-------|-----|--------|
| | | | | No.1 |
| 1,2-Dichloropropane (CAS No.: 78-87-5) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,3,5-Trimethylbenzene (CAS No.: 108-67-8) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,3-Dichlorobenzene (CAS No.: 541-73-1) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,3-Dichloropropane (CAS No.: 142-28-9) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 1,4-Dichlorobenzene (CAS No.: 106-46-7) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 2,2-Dichloropropane (CAS No.: 594-20-7) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 2-Chlorotoluene (CAS No.: 95-49-8) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| 4-Chlorotoluene (CAS No.: 106-43-4) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Benzene (CAS No.: 71-43-2) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Bromobenzene (CAS No.: 108-86-1) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Bromochloromethane (CAS No.: 74-97-5) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Bromodichloromethane (CAS No.: 75-27-4) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Bromoform (CAS No.: 75-25-2) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Bromomethane (CAS No.: 74-83-9) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Carbon tetrachloride (CAS No.: 56-23-5) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Chloroethane (CAS No.: 75-00-3) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Chloroform (CAS No.: 67-66-3) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Chloromethane (CAS No.: 74-87-3) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |

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| Test Item(s) | Method | Unit | MDL | Result |
|---|--|-------|-----|--------|
| | | | | No.1 |
| cis-1,2-Dichloroethene (CAS No.: 156-59-2) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| cis-1,3-Dichloropropene (CAS No.: 10061-01-5) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Chlorodibromomethane (CAS No.: 124-48-1) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Dibromomethane (CAS No.: 74-95-3) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Dichlorodifluoromethane (CAS No.: 75-71-8) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Ethyl benzene (CAS No.: 100-41-4) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Hexachlorobutadiene (CAS No.: 87-68-3) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Dichloromethane (CAS No.: 75-09-2) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Naphthalene (CAS No.: 91-20-3) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| n-Butylbenzene (CAS No.: 104-51-8) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| n-Propylbenzene (CAS No.: 103-65-1) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| o-Xylene (CAS No.: 95-47-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| m,p-Xylene (CAS No.: 108-38-3, 106-42-3) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| p-Isopropyltoluene (CAS No.: 99-87-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| sec-Butylbenzene (CAS No.: 135-98-8) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Styrene (CAS No.: 100-42-5) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Tetrachloroethene (CAS No.: 127-18-4) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Toluene (CAS No.: 108-88-3) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |

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| Test Item(s) | Method | Unit | MDL | Result |
|---|--|-------|-----|--------|
| | | | | No.1 |
| trans-1,2-Dichloroethene (CAS No.: 156-60-5) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| trans-1,3-Dichloropropene (CAS No.: 10061-02-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Trichloroethylene (CAS No.: 79-01-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Trichlorofluoromethane (CAS No.: 75-69-4) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Vinyl chloride (CAS No.: 75-01-4) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| tert-Butylbenzene (CAS No.: 98-06-6) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Isopropylbenzene (CAS No.: 98-82-8) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |
| Chlorobenzene (CAS No.: 108-90-7) | With reference to US EPA 5021A: 2014, analysis was performed by GC/MS. | mg/kg | 1 | n.d. |

Note :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected (Less than MDL)

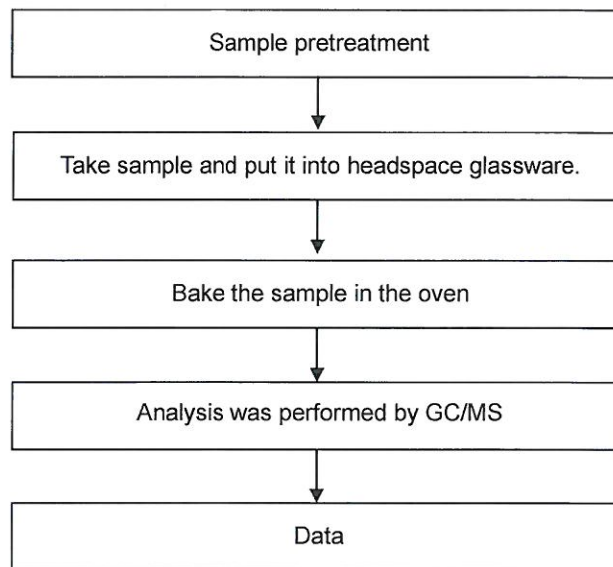
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Analytical flow chart of volatile organic compounds (VOCs)

【Reference method : US EPA 5021A】



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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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** End of Report **

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