

# Test Report

Report No.: U18319220429125E

Query Password: QW0318

Date: May 9, 2022

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**Applicant:** YUEQIANG TOYS FACTORY**Contact information:** CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA**The following sample(s) was (were) submitted and identified by client as:**

Sample Description : TOY SERIES

Item No. : Please refer to next page(s).

Requested Age Grading : 3+

Received Date : Apr. 29, 2022

Testing Period : From Apr. 29, 2022 to May 9, 2022

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

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

Shen Zhen UONE Test Co., LTD.

Prepared by



Ruth Lai

Checked by



Lin Zhu

Approved by



Levent Liang

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**Summary of Test Results (Tested parts are required partially by client):**

**TEST REQUEST**

(1) Entry 50 of Annex XVII of the REACH regulation (EC) No.1907/2006 and its subsequent amendments

Polycyclic aromatic hydrocarbons (PAHs) Category 3

**CONCLUSION****PASS**

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Item No.:

995,996,997,998,112,112A,112B,112C,9922,9955,9966,9911,9009,9908,9918,9918A,9918B,9918C,9919B,9919A,9919,9002,9006,8066,8066A,8011,8022,8033,8055,5022,5066,919,918,9905,9982,9983,9984,9985,9986,9987,9988,9989,918A,F001,F002,F003,F003A,F004,F005,F006,F007,F008,F009,F010,F011,F012,F013,F014,F015,F016,F017,F018,F019,F020,F021,F022,F023,F024,F025,F026,F027,F028,F029,F030,F031,F032,F033,F034,F035,F036,F037,F038,F039,F040,F6022,F6022A,F009B,P001,P002,P003,P004,P005,P006,P007,P008,P009,P010,P011,P012,P013,P014,P015,P016,P017,P018,P019,P020,P021,P022,P023,P024,P025,P026,P027,P028,P029,P030,P031,P032,P033,P034,P035,P036,P037,P038,P039,P040,P012A,P6022,P6022A,M001,M002,M003,M004,M005,M006,M007,M008,M009,M010,M011,M012,M013,M014,M015,M016,M017,M018,M019,M020,M021,M022,M023,M024,M025,M026,M027,M028,M029,M030,M031,M032,M033,M034,M035,M036,M037,M038,M039,M040,M012A,S001,S002,S003,S004,S005,S006,S007,S008,S009,S010,S011,S012,S013,S014,S015,S016,S017,S018,S019,S020,S021,S022,S023,S024,S025,S026,S027,S028,S029,S030,S031,S032,S033,S034,S035,S036,S037,S038,S039,S040,S012A,D001,D002,D003,D004,D005,D006,D006A,D006B,D007,D008,D009,D010,D011,D012,D013,D014,D015,D016,D017,D018,D019,D020,D021,D022,D023,D024,D025,D026,D027,D028,D029,D030,D031,D032,D033,D034,D035,D036,D037,D038,D039,D040,D012A,A001,A002,A003,A004,A005,A006,A007,A008,A009,A010,A011,A012,A013,A014,A015,A016,A017,A018,A019,A020,A021,A022,A012A,W037,338336, 338337

## Test Material(s) List

| Material No. | Description  |
|--------------|--|
| 1            | Red plastic  |
| 2            | Orange plastic   |
| 3            | Yellow plastic   |
| 4            | Black plastic  |
| 5            | Dull black plastic   |
| 6            | Grey plastic   |
| 7            | Laminated white paper with multi-color printing and adhesive |
| 8            | Black Velcro   |
| 9            | Black non-woven  |
| 10           | Yellow coating   |
| 11           | White coating  |
| 12           | Silvery electro-plated coating                               |

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## Test Result(s):

### (1) Polycyclic aromatic hydrocarbons (PAHs)

Test Method: With reference to AfPS GS 2019:01 PAK, was analyzed by Gas Chromatographic - Mass Spectrometer (GC-MS).

| Test Substance                 | CAS No.  | Unit  | MDL | Result (mg/kg) |      |      |
|--------------------------------|----------|-------|-----|----------------|------|------|
|                                |          |       |     | 1+2            | 3+4  | 5+6  |
| Benzo[a]pyrene (BaP)           | 50-32-8  | mg/kg | 0.2 | N.D.           | N.D. | N.D. |
| Benzo[e]pyrene (BeP)           | 192-97-2 | mg/kg | 0.2 | N.D.           | N.D. | N.D. |
| Benzo[a]anthracene (BaA)       | 56-55-3  | mg/kg | 0.2 | N.D.           | N.D. | N.D. |
| Chrysen (CHR)                  | 218-01-9 | mg/kg | 0.2 | N.D.           | N.D. | N.D. |
| Benzo[b]fluoranthene (BbFA)    | 205-99-2 | mg/kg | 0.2 | N.D.           | N.D. | N.D. |
| Benzo[j]fluoranthene (BjFA)    | 205-82-3 | mg/kg | 0.2 | N.D.           | N.D. | N.D. |
| Benzo[k]fluoranthene (BkFA)    | 207-08-9 | mg/kg | 0.2 | N.D.           | N.D. | N.D. |
| Dibenzo[a,h]anthracene (DBAhA) | 53-70-3  | mg/kg | 0.2 | N.D.           | N.D. | N.D. |
| SUM of 8 PAHs                  | /        | mg/kg | /   | N.D.           | N.D. | N.D. |
| <b>Conclusion</b>              |          |       |     | PASS           | PASS | PASS |

| Test Substance                 | CAS No.  | Unit  | MDL | Result (mg/kg) |      |       |
|--------------------------------|----------|-------|-----|----------------|------|-------|
|                                |          |       |     | 7              | 8+9  | 10+11 |
| Benzo[a]pyrene (BaP)           | 50-32-8  | mg/kg | 0.2 | N.D.           | N.D. | N.D.  |
| Benzo[e]pyrene (BeP)           | 192-97-2 | mg/kg | 0.2 | N.D.           | N.D. | N.D.  |
| Benzo[a]anthracene (BaA)       | 56-55-3  | mg/kg | 0.2 | N.D.           | N.D. | N.D.  |
| Chrysen (CHR)                  | 218-01-9 | mg/kg | 0.2 | N.D.           | N.D. | N.D.  |
| Benzo[b]fluoranthene (BbFA)    | 205-99-2 | mg/kg | 0.2 | N.D.           | N.D. | N.D.  |
| Benzo[j]fluoranthene (BjFA)    | 205-82-3 | mg/kg | 0.2 | N.D.           | N.D. | N.D.  |
| Benzo[k]fluoranthene (BkFA)    | 207-08-9 | mg/kg | 0.2 | N.D.           | N.D. | N.D.  |
| Dibenzo[a,h]anthracene (DBAhA) | 53-70-3  | mg/kg | 0.2 | N.D.           | N.D. | N.D.  |
| SUM of 8 PAHs                  | /        | mg/kg | /   | N.D.           | N.D. | N.D.  |
| <b>Conclusion</b>              |          |       |     | PASS           | PASS | PASS  |

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| Test Substance                 | CAS No.  | Unit  | MDL | Result (mg/kg) |
|--------------------------------|----------|-------|-----|----------------|
|                                |          |       |     | 12             |
| Benzo[a]pyrene (BaP)           | 50-32-8  | mg/kg | 0.2 | N.D.           |
| Benzo[e]pyrene (BeP)           | 192-97-2 | mg/kg | 0.2 | N.D.           |
| Benzo[a]anthracene (BaA)       | 56-55-3  | mg/kg | 0.2 | N.D.           |
| Chrysen (CHR)                  | 218-01-9 | mg/kg | 0.2 | N.D.           |
| Benzo[b]fluoranthene (BbFA)    | 205-99-2 | mg/kg | 0.2 | N.D.           |
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| Benzo[k]fluoranthene (BkFA)    | 207-08-9 | mg/kg | 0.2 | N.D.           |
| Dibenzo[a,h]anthracene (DBAhA) | 53-70-3  | mg/kg | 0.2 | N.D.           |
| SUM of 8 PAHs                  | /        | mg/kg | /   | N.D.           |
| <b>Conclusion</b>              |          |       |     | PASS           |

## Limit (Unit: mg/kg):

| Category                       | Category 1  | Category 2  | Category 3   |
|--------------------------------|---|---|--------------|
| Description                    | extender oils or used for the production of tyres or parts of tyres | Non-toy articles for supply to the general public | Toy articles |
| Benzo[a]pyrene (BaP)           | < 1   | < 1   | < 0.5        |
| Benzo[e]pyrene (BeP)           | /   | < 1   | < 0.5        |
| Benzo[a]anthracene (BaA)       | /   | < 1   | < 0.5        |
| Chrysen (CHR)                  | /   | < 1   | < 0.5        |
| Benzo[b]fluoranthene (BbFA)    | /   | < 1   | < 0.5        |
| Benzo[j]fluoranthene (BjFA)    | /   | < 1   | < 0.5        |
| Benzo[k]fluoranthene (BkFA)    | /   | < 1   | < 0.5        |
| Dibenzo[a,h]anthracene (DBAhA) | /   | < 1   | < 0.5        |
| SUM of 8 PAHs                  | < 10  | /   | /            |

**Note:** 1. mg/kg = milligram per kilogram (ppm).

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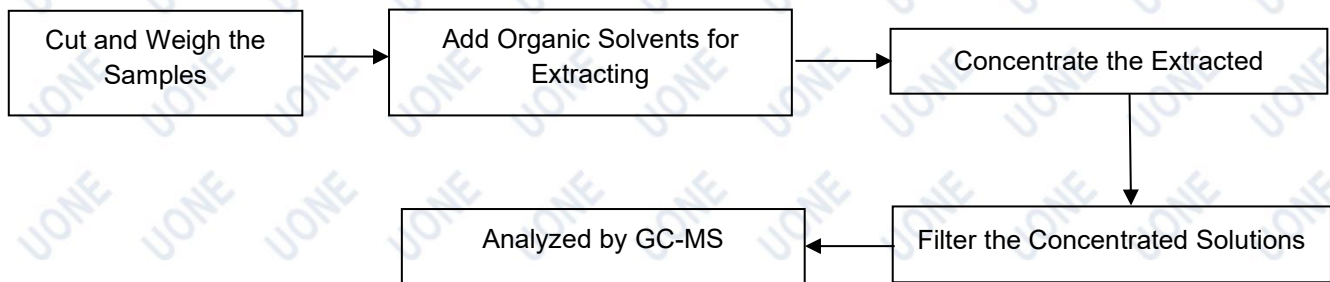
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2. MDL = method detection limit.
3. N.D.=not detected (<MDL).
4. "+"= Mixed. The admixture of specimen is tested as a whole (part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the data in this report. The applicant will undertake all differences and risk.

### Test Process Flow



### Photo(s) of Sample:



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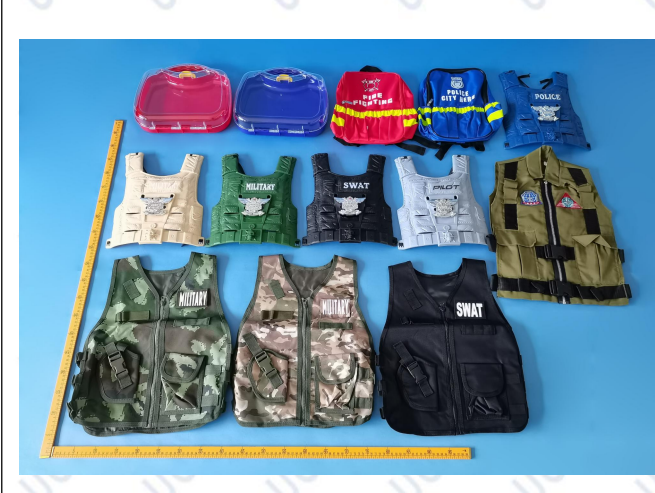
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**\*\*\*End of Report\*\*\***

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## Statement

1. The information as listed on the first page of this test report was all provided by the client except the received date, testing period, test result(s) and test request. The client shall be responsible for the representativeness of sample and authenticity of materials, for which UONE shall bear no responsibilities.
2. Unless otherwise stated the results shown in this report refer only the sample(s) tested and does not bear other joint and several liabilities.
3. This report is considered invalidated without the Special Seal for Inspection of the UONE, This report shall not be altered, increased or deleted.
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