

TEST REPORT

Applicant: PETRON SPORTS LTD
THE ARCHERY CENTRE
BUCKLAND
BUCKS
ENGLAND
HP22 5HZ

Number: HKGH02889939

Date: Jul 19, 2022

Sample and Information provided by customer :
Item Name : **Sureshot Target.**
Item No. : **162/T.**
Labelled Age Group : **6+.**
Packaging Provided : **Yes.**
Country of Origin : **N/A.**
Quantity : **4 Sets.**

For and on behalf of :
Intertek Testing Services HK Ltd.



Cindy I.K. Chan
Vice President



TEST REPORT

Number : HKGH02889939

Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

| <u>Requirement</u> | <u>Result</u> |
|---|---------------|
| (1) EN 71-1:2014 + A1:2018 - Mechanical and physical properties | Pass |
| (2) EN 71-2:2020 - Flammability Test | Pass |
| (3) EN 71-3 : 2019 + A1 : 2021 - Migration of certain elements | Pass |
| (4) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52, amendment no. 552/2009 & 2018/2005 - Phthalates content | Pass |
| (5) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 2016/217 - Cadmium content requirement | Pass |
| (6) 94/62/EC and its amendment (packaging waste) - Toxic elements test | Pass |
| (7) BS EN 71-1:2014 + A1:2018 - Mechanical and physical properties | Pass |
| (8) BS EN 71-2:2020 / EN 71-2:2020 - Flammability Test | Pass |
| (9) BS EN 71-2:2011 + A1:2014 - Flammability Test | Pass |
| (10) BS EN 71-3 : 2019 + A1 : 2021 - Migration of certain elements | Pass |
| (11) REACH Regulation (EC) no. 1907/2006, Annex XVII, Item 51 & 52 & amendment no. 552/2009 & 2018/2005 & The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019 No. 758) as amended - Phthalates content | Pass |



TEST REPORT

Number : HKGH02889939

| <u>Requirement</u> | <u>Result</u> |
|--|---------------|
| (12) Cadmium Content Requirement in Annex XVII Entry 23 of the REACH Regulation (EC) No 1907/2006 and Amendment (EC) No 552/2009, (EU) No 494/2011, (EU) No 835/2012 and (EU) 2016/217 & The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019 No. 758) - Cadmium content requirement | Pass |

Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc..>
If decision rule already inhaled in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.



TEST REPORT

Number : HKGH02889939

(1) Mechanical and Physical Test

Test Standard : European Standard on Safety of toys EN 71-1:2014 + A1:2018

Age group for testing : For Ages Over 6 Years

| Clause | Requirement | Assessment |
|--------|--|------------|
| 4 | General requirements | |
| 4.1 | Material cleanliness | P |
| 4.2 | Assembly | NA |
| 4.3 | Flexible plastic sheeting | NA |
| 4.4 | Toy bags | NA |
| 4.5 | Glass | NA |
| 4.6 | Expanding Materials | NA |
| 4.7 | Edges | P |
| 4.8 | Points and Metallic wires | P |
| 4.9 | Protruding parts | NA |
| 4.10 | Parts moving against each other | NA |
| 4.11 | Mouth actuated toys and other toys intended to be put into mouth | NA |
| 4.12 | Balloons | NA |
| 4.13 | Cords of toy kites and other flying toys | NA |
| 4.14 | Enclosures | NA |
| 4.15 | Toys intended to bear the mass of a child | NA |
| 4.16 | Heavy immobile toys | NA |
| 4.17 | Projectiles | NA |
| 4.18 | Aquatic toys and inflatable toys | NA |
| 4.19 | Percussion caps specifically designed for use in toys and toys using percussion caps | NA |
| 4.20 | Acoustics | NA |
| 4.21 | Toys containing non -electrical heat source | NA |
| 4.22 | Small balls | NA |
| 4.23 | Magnets | NA |
| 4.24 | Yo-yo balls | NA |
| 4.25 | Toys attached to food | NA |
| 4.26 | Toy Disguise Costumes | NA |
| 4.27 | Flying toys | NA |
| 5 | Toys intended for children under 36 months | |
| 5.1 | General requirements for toys intended for children under 36 months | NA |
| 5.2 | Soft-filled toys and soft-filled parts of a toy | NA |
| 5.3 | Plastic sheeting | NA |
| 5.4 | Cords, chains and electrical cables in toys | NA |
| 5.5 | Liquid filled toys | NA |
| 5.6 | Speed limitation of electrically driven ride-on toys | NA |
| 5.7 | Glass and porcelain | NA |
| 5.8 | Shape and size of certain toys | NA |
| 5.9 | Toys comprising monofilament fibres | NA |
| 5.10 | Small balls | NA |
| 5.11 | Play figures | NA |
| 5.12 | Hemispheric-shaped toys | NA |
| 5.13 | Suction cups | NA |
| 5.14 | Straps intended to be worn fully or partially around the neck | NA |
| 5.15 | Sledges with cords for pulling (7.24) | NA |



TEST REPORT

Number : HKGH02889939

| Clause | Requirement | Assessment |
|--------|---|------------|
| 6 | Packaging | NA |
| 7 | Warnings, markings and instructions for use | |
| 7.1 | General | P |
| 7.2 | Toys not intended for children under 36 months | P |
| 7.3 | Latex balloons | NA |
| 7.4 | Aquatic toys | NA |
| 7.5 | Functional toys | NA |
| 7.6 | Hazardous sharp functional edges and points | NA |
| 7.7 | Projectile Toys | NA |
| 7.8 | Imitation protective masks and helmets | NA |
| 7.9 | Toy kites | NA |
| 7.10 | Roller skates, inline skates, skateboards and certain other ride-on toys | NA |
| 7.11 | Toys intended to be attached to or strung across a cradle, cot, or perambulator | NA |
| 7.12 | Liquid-filled teethers | NA |
| 7.13 | Percussion caps specifically designed for use in toys | NA |
| 7.14 | Acoustics | NA |
| 7.15 | Toy bicycles | NA |
| 7.16 | Toys intended to bear the mass of a child | NA |
| 7.17 | Toys comprising monofilament fibres | NA |
| 7.18 | Toy scooters | NA |
| 7.19 | Rocking horses and similar toys | NA |
| 7.20 | Magnetic / electrical experimental sets | NA |
| 7.21 | Toys with electrical cables exceeding 300 mm in length | NA |
| 7.22 | Toys with cords or chains intended for children of 18 months and over but under 36 months | NA |
| 7.23 | Toys intended to be attached to a cradle, cot or perambulator | NA |
| 7.24 | Sledges with cords for pulling | NA |
| 7.25 | Flying toys | NA |
| 7.26 | Improvised projectiles | NA |

Abbreviation : P = Pass NA = Not Applicable



TEST REPORT

Number : HKGH02889939

Below are additional information according to the Toy Safety Directive 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements and not accredited:

Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packagings shall also bear the CE-marking. After checking, it was found that

| | Toy | Packaging |
|-----------------------------|----------|-----------|
| Manufacturer's name | Present | Present |
| Manufacturer's address | Present | Present |
| EU Importer's name | Absent # | Absent # |
| EU Importer's address | Absent # | Absent # |
| Product identification code | Present | Absent |
| CE-marking | Absent | Present |

= Great Britain-based authorised representatives will no longer be recognised in EU from 1 January 2021. Therefore, EU importer's name and address shall be indicated on the product itself.

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 21, 2022



Page 6 of 22



TEST REPORT

Number : HKGH02889939

(2) Flammability Test

Test Standard : European Standard on Safety of Toys EN 71-2:2020

| Clause | Requirement | Assessment |
|--------|---|------------|
| 4.1 | General requirements | P |
| 4.2 | Toys to be worn on the head | NA |
| 4.3 | Toy disguise costumes and toys intended to be worn by a child in play | NA |
| 4.4 | Toys intended to be entered by a child | NA |
| 4.5 | Soft filled toys | NA |

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 21, 2022



TEST REPORT

Number : HKGH02889939

(3) 19 Toxic Element Migration Test

Test Method : EN 71-3 : 2019 + A1 : 2021. Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

| | Result (mg/kg) | | | Limit (mg/kg) |
|---------------------------------|----------------|--------|--------|---------------|
| | (2) | (3) | (4) | |
| Soluble Aluminium (Al) | <300 | <300 | <300 | 28130 |
| Soluble Antimony (Sb) | <10 | <10 | <10 | 560 |
| Soluble Arsenic (As) | <10 | <10 | <10 | 47 |
| Soluble Barium (Ba) | <10 | <10 | <10 | 18750 |
| Soluble Boron (B) | <50 | <50 | <50 | 15000 |
| Soluble Cadmium (Cd) | <5 | <5 | <5 | 17 |
| Soluble Chromium (III) (Cr III) | <10 | <10 | <10 | 460 |
| Soluble Chromium (VI) (Cr VI) | <0.025 | <0.025 | <0.025 | 0.053 |
| Soluble Cobalt (Co) | <10 | <10 | <10 | 130 |
| Soluble Copper (Cu) | <10 | <10 | <10 | 7700 |
| Soluble Lead (Pb) | <10 | <10 | <10 | 23 |
| Soluble Manganese (Mn) | <10 | <10 | <10 | 15000 |
| Soluble Mercury (Hg) | <10 | <10 | <10 | 94 |
| Soluble Nickel (Ni) | <10 | <10 | <10 | 930 |
| Soluble Selenium (Se) | <10 | <10 | <10 | 460 |
| Soluble Strontium (Sr) | <100 | <100 | <100 | 56000 |
| Soluble Tin (Sn) | <10 | <10 | <10 | 180000 |
| Soluble Organic tin ++ | <2.0 | <2.0 | <2.0 | 12 |
| Soluble Zinc (Zn) | <100 | <100 | <100 | 46000 |

mg/kg = milligram per kilogram



TEST REPORT

Number : HKGH02889939

++ : Unless the test result was marked with " Δ ", Organic tin content was not directly determined and was derived from migration result of total tin.

Organic tin test result was expressed as tributyl tin.

Chromium (III) value was calculated as difference between migration results of total Chromium and Chromium (VI) .

@ : Since the sample weight of the component was less than 10 mg, soluble heavy metal analysis was not applicable.

Tested Components:

- (1) @ Black coating on plastic (back of target).
- (2) Orange plastic (body of target).
- (3) White plastic label with (black, orange, yellow) printings (sticker).
- (4) Black plastic backed with adhesive (tag).

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 22, 2022



Page 9 of 22



TEST REPORT

Number : HKGH02889939

(4) Phthalate Content Test

Test Method : ISO 8124-6 : 2018 method A with internal standard calibration, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Seven Phthalates content:

| Compound | Result (% w/w) | | Limit (% w/w) |
|--------------------------------|----------------|---------|---------------|
| | (1) | (2/3/4) | |
| Dibutyl phthalate (DBP) | <0.01 | <0.01 | -- |
| Diethyl hexyl phthalate (DEHP) | <0.01 | <0.01 | -- |
| Benzyl butyl phthalate (BBP) | <0.01 | <0.01 | -- |
| Diisobutyl phthalate (DIBP) | <0.01 | <0.01 | -- |
| Sum of DBP, DEHP, BBP & DIBP | <0.01 | <0.01 | 0.1 |
| Diisononyl phthalate (DINP) | <0.01 | <0.01 | -- |
| Di-n-octyl phthalate (DnOP) | <0.01 | <0.01 | -- |
| Diisodecyl phthalate (DIDP) | <0.01 | <0.01 | -- |
| Sum of DINP, DnOP & DIDP | <0.01 | <0.01 | 0.1 |

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006, amendment no. 552/2009 taking into account the (EU) regulation 2018/2005 modifying entry 51 for which the DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles, individually or in any combination with the first three phthalates which already exist in the entry 51, in a concentration equal to or greater than 0,1 % by weight of the plasticised material.

Tested Components:

- (1) Black coating on plastic (back of target).
- (2) Orange plastic (body of target).
- (3) White plastic label with (black, orange, yellow) printings (sticker).
- (4) Black plastic backed with adhesive (tag).

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 14, 2022



TEST REPORT

Number : HKGH02889939

(5) Cadmium (Cd) Content

Test Method : In House method TC008.TP. Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

| Tested Component | Result in %, w/w | Limit in %, w/w |
|------------------|------------------|-----------------|
| (1) | ND | 0.1 |
| (2/3/4) | ND | 0.01 |

ND : Not detected (< 0.0005%)

Tested Components:

- (1) Black coating on plastic (back of target).
- (2) Orange plastic (body of target).
- (3) White plastic label with (black, orange, yellow) printings (sticker).
- (4) Black plastic backed with adhesive (tag).

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 22, 2022



Page 11 of 22



TEST REPORT

Number : HKGH02889939

(6) Toxic Elements Analysis

Test Method : 94/62/EC and its amendment on packaging and packaging waste, acid digestion method was used and toxic elements contents were determined by Inductively Coupled Argon Plasma Spectrometry, and Hexavalent Chromium content was determined by UV-Visible Spectrophotometry.

| | Result (ppm) | | | Limit (ppm) |
|--|--------------|-----|-------|-------------|
| | (1) | (2) | (3/4) | |
| Total Lead (Pb) | <5 | <5 | <5 | -- |
| Total Cadmium (Cd) | <5 | <5 | <5 | -- |
| Total Mercury (Hg) | <5 | <5 | <5 | -- |
| Chromium VI (Cr (VI)) | <5 | <5 | <5 | -- |
| Sum of Lead, Cadmium, Mercury and Chromium Cr (VI) | <20 | <20 | <20 | 100 |

ppm = parts per million = mg/kg

Tested Components:

- (1) Coatings on paper card (carton box) (packaging).
- (2) Transparent plastic (adhesive tape) (packaging).
- (3) Brown paper card excluding coatings (carton box) (packaging).
- (4) Brown paper card (handle protection) (packaging).

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 22, 2022



Page 12 of 22



TEST REPORT

Number : HKGH02889939

(7) Physical and Mechanical Tests

Test Standard : Safety of toys BS EN 71-1:2014 + A1:2018

Age group for testing : For Ages Over 6 Years

| Clause | Requirement | Assessment |
|--------|--|------------|
| 4 | General requirements | |
| 4.1 | Material cleanliness | P |
| 4.2 | Assembly | NA |
| 4.3 | Flexible plastic sheeting | NA |
| 4.4 | Toy bags | NA |
| 4.5 | Glass | NA |
| 4.6 | Expanding Materials | NA |
| 4.7 | Edges | P |
| 4.8 | Points and Metallic wires | P |
| 4.9 | Protruding parts | NA |
| 4.10 | Parts moving against each other | NA |
| 4.11 | Mouth actuated toys and other toys intended to be put into mouth | NA |
| 4.12 | Balloons | NA |
| 4.13 | Cords of toy kites and other flying toys | NA |
| 4.14 | Enclosures | NA |
| 4.15 | Toys intended to bear the mass of a child | NA |
| 4.16 | Heavy immobile toys | NA |
| 4.17 | Projectiles | NA |
| 4.18 | Aquatic toys and inflatable toys | NA |
| 4.19 | Percussion caps specifically designed for use in toys and toys using percussion caps | NA |
| 4.20 | Acoustics | NA |
| 4.21 | Toys containing non -electrical heat source | NA |
| 4.22 | Small balls | NA |
| 4.23 | Magnets | NA |
| 4.24 | Yo-yo balls | NA |
| 4.25 | Toys attached to food | NA |
| 4.26 | Toy Disguise Costumes | NA |
| 4.27 | Flying toys | NA |
| 5 | Toys intended for children under 36 months | |
| 5.1 | General requirements for toys intended for children under 36 months | NA |
| 5.2 | Soft-filled toys and soft-filled parts of a toy | NA |
| 5.3 | Plastic sheeting | NA |



TEST REPORT

Number : HKGH02889939

| Clause | Requirement | Assessment |
|--------|---|------------|
| 5.4 | Cords, chains and electrical cables in toys | NA |
| 5.5 | Liquid filled toys | NA |
| 5.6 | Speed limitation of electrically driven ride-on toys | NA |
| 5.7 | Glass and porcelain | NA |
| 5.8 | Shape and size of certain toys | NA |
| 5.9 | Toys comprising monofilament fibres | NA |
| 5.10 | Small balls | NA |
| 5.11 | Play figures | NA |
| 5.12 | Hemispheric-shaped toys | NA |
| 5.13 | Suction cups | NA |
| 5.14 | Straps intended to be worn fully or partially around the neck | NA |
| 5.15 | Sledges with cords for pulling (7.24) | NA |
| 6 | Packaging | NA |
| 7 | Warnings, markings and instructions for use | |
| 7.1 | General | P |
| 7.2 | Toys not intended for children under 36 months | P |
| 7.3 | Latex balloons | NA |
| 7.4 | Aquatic toys | NA |
| 7.5 | Functional toys | NA |
| 7.6 | Hazardous sharp functional edges and points | NA |
| 7.7 | Projectile Toys | NA |
| 7.8 | Imitation protective masks and helmets | NA |
| 7.9 | Toy kites | NA |
| 7.10 | Roller skates, inline skates, skateboards and certain other ride-on toys | NA |
| 7.11 | Toys intended to be attached to or strung across a cradle, cot, or perambulator | NA |
| 7.12 | Liquid-filled teethingers | NA |
| 7.13 | Percussion caps specifically designed for use in toys | NA |
| 7.14 | Acoustics | NA |
| 7.15 | Toy bicycles | NA |
| 7.16 | Toys intended to bear the mass of a child | NA |
| 7.17 | Toys comprising monofilament fibres | NA |
| 7.18 | Toy scooters | NA |
| 7.19 | Rocking horses and similar toys | NA |
| 7.20 | Magnetic / electrical experimental sets | NA |
| 7.21 | Toys with electrical cables exceeding 300 mm in length | NA |
| 7.22 | Toys with cords or chains intended for children of 18 months and over but under 36 months | NA |
| 7.23 | Toys intended to be attached to a cradle, cot or perambulator | NA |
| 7.24 | Sledges with cords for pulling | NA |
| 7.25 | Flying toys | NA |



TEST REPORT

Number : HKGH02889939

| Clause | Requirement | Assessment |
|--------|------------------------|------------|
| 7.26 | Improvised projectiles | NA |

Abbreviation : P = Pass NA = Not Applicable

Below is additional information checking according to the UK Toy (Safety) Regulations requirement. These information also appears as a note within BS EN71 but the checking is not within accreditation scope.

Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself.

After checking, it was found that

| | Toy | Packaging |
|---|---------|-----------|
| Name of authorised representative in Great Britain | Present | Present |
| Address of authorised representative in Great Britain | Present | Present |
| Product identification code | Present | Absent |

With reference to the guidance of using UKCA marking from 1 January 2021 by the Department for Business, Energy and Industrial Strategy published on 1 September 2020, toys or packagings shall also bear the UKCA marking.

After checking, it was found that

| | Toy | Packaging |
|--------------|--------|-----------|
| UKCA marking | Absent | Absent |

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 21, 2022



Page 15 of 22



TEST REPORT

Number : HKGH02889939

(8) Flammability Test

Test Standard : Standard on Safety of Toys BS EN 71-2:2020 / EN 71-2:2020

| Clause | Requirement | Assessment |
|--------|---|------------|
| 4.1 | General requirements | P |
| 4.2 | Toys to be worn on the head | NA |
| 4.3 | Toy disguise costumes and toys intended to be worn by a child in play | NA |
| 4.4 | Toys intended to be entered by a child | NA |
| 4.5 | Soft filled toys | NA |

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 21, 2022



TEST REPORT

Number : HKGH02889939

(9) Flammability Test

Test Standard : Standard on Safety of Toys BS EN 71-2:2011 + A1:2014

| Clause | Requirement | Assessment |
|--------|---|------------|
| 4.1 | General | P |
| 4.2 | Toys to be worn on the head | NA |
| 4.3 | Toy disguise costumes and toys intended to be worn by a child in play | NA |
| 4.4 | Toys intended to be entered by a child | NA |
| 4.5 | Soft filled toys | NA |

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 21, 2022



TEST REPORT

Number : HKGH02889939

(10) 19 Toxic Element Migration Test

Test Method : BS EN 71-3 : 2019 + A1 : 2021. Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

| | Result (mg/kg) | | | Limit (mg/kg) |
|---------------------------------|----------------|--------|--------|---------------|
| | (2) | (3) | (4) | |
| Soluble Aluminium (Al) | <300 | <300 | <300 | 28130 |
| Soluble Antimony (Sb) | <10 | <10 | <10 | 560 |
| Soluble Arsenic (As) | <10 | <10 | <10 | 47 |
| Soluble Barium (Ba) | <10 | <10 | <10 | 18750 |
| Soluble Boron (B) | <50 | <50 | <50 | 15000 |
| Soluble Cadmium (Cd) | <5 | <5 | <5 | 17 |
| Soluble Chromium (III) (Cr III) | <10 | <10 | <10 | 460 |
| Soluble Chromium (VI) (Cr VI) | <0.025 | <0.025 | <0.025 | 0.053 |
| Soluble Cobalt (Co) | <10 | <10 | <10 | 130 |
| Soluble Copper (Cu) | <10 | <10 | <10 | 7700 |
| Soluble Lead (Pb) | <10 | <10 | <10 | 23 |
| Soluble Manganese (Mn) | <10 | <10 | <10 | 15000 |
| Soluble Mercury (Hg) | <10 | <10 | <10 | 94 |
| Soluble Nickel (Ni) | <10 | <10 | <10 | 930 |
| Soluble Selenium (Se) | <10 | <10 | <10 | 460 |
| Soluble Strontium (Sr) | <100 | <100 | <100 | 56000 |
| Soluble Tin (Sn) | <10 | <10 | <10 | 180000 |
| Soluble Organic tin ++ | <2.0 | <2.0 | <2.0 | 12 |
| Soluble Zinc (Zn) | <100 | <100 | <100 | 46000 |

mg/kg = milligram per kilogram



TEST REPORT

Number : HKGH02889939

++ : Unless the test result was marked with " Δ ", Organic tin content was not directly determined and was derived from migration result of total tin.

Organic tin test result was expressed as tributyl tin.

Chromium (III) value was calculated as difference between migration results of total Chromium and Chromium (VI) .

@ : Since the sample weight of the component was less than 10 mg, soluble heavy metal analysis was not applicable.

Tested Components:

- (1) @ Black coating on plastic (back of target).
- (2) Orange plastic (body of target).
- (3) White plastic label with (black, orange, yellow) printings (sticker).
- (4) Black plastic backed with adhesive (tag).

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 22, 2022



Page 19 of 22



TEST REPORT

Number : HKGH02889939

(11) Phthalate Content Test

Test Method : ISO 8124-6 : 2018 method A with internal standard calibration, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Seven Phthalates content:

| Compound | Result (% w/w) | | Limit (% w/w) |
|--------------------------------|----------------|---------|---------------|
| | (1) | (2/3/4) | |
| Dibutyl phthalate (DBP) | <0.01 | <0.01 | -- |
| Diethyl hexyl phthalate (DEHP) | <0.01 | <0.01 | -- |
| Benzyl butyl phthalate (BBP) | <0.01 | <0.01 | -- |
| Diisobutyl phthalate (DIBP) | <0.01 | <0.01 | -- |
| Sum of DBP, DEHP, BBP & DIBP | <0.01 | <0.01 | 0.1 |
| Diisononyl phthalate (DINP) | <0.01 | <0.01 | -- |
| Di-n-octyl phthalate (DnOP) | <0.01 | <0.01 | -- |
| Diisodecyl phthalate (DIDP) | <0.01 | <0.01 | -- |
| Sum of DINP, DnOP & DIDP | <0.01 | <0.01 | 0.1 |

The above limit was quoted according to REACH Regulation (EC) no. 1907/2006, Annex XVII, Item 51 & 52 & amendment no. 552/2009 & 2018/2005 & The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019 No. 758) as amended.

Tested Components:

- (1) Black coating on plastic (back of target).
- (2) Orange plastic (body of target).
- (3) White plastic label with (black, orange, yellow) printings (sticker).
- (4) Black plastic backed with adhesive (tag).

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 14, 2022



Page 20 of 22



TEST REPORT

Number : HKGH02889939

(12) Cadmium (Cd) Content

Test Method : In House method TC008.TP. Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

| Tested Component | Result in %, w/w | Limit in %, w/w |
|------------------|------------------|-----------------|
| (1) | ND | 0.1 |
| (2/3/4) | ND | 0.01 |

ND : Not detected (< 0.0005%)

Tested Components:

- (1) Black coating on plastic (back of target).
- (2) Orange plastic (body of target).
- (3) White plastic label with (black, orange, yellow) printings (sticker).
- (4) Black plastic backed with adhesive (tag).

Date sample received : Jun 02, 2022

Test Period : Jun 02, 2022 to Jun 22, 2022



Page 21 of 22



TEST REPORT

Number : HKGH02889939

HKGH02889939-1



HKGH02889939-2



End of report

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to and subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Intertek is responsible for all the information provided in the reports, except when information is provided by the Client or when the Client requires the item to be tested acknowledging a deviation from specified conditions that can affect the validity of results.

The observations and test results in this report are relevant to the sample(s) tested and submitted by client. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. This report does not discharge or release you from your legal obligations and duties to any other person. Only the Client is authorized to permit copying or distribution of this report and the report shall not be reproduced except in full. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

