

Test Report

Report No. : AGC03778241101-001

SAMPLE NAME : Sunglass with silver oval shape on, Sunglass with cork legs

MO7455-04, MO7455-05, MO7455-06, MO7455-08, MO7455-10,

MO7455-21, MO7455-38, MO7455-48, MO6231-03

APPLICANT : MID OCEAN BRANDS B.V.

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : Nov. 18, 2024

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





Applicant : MID OCEAN BRANDS B.V.

Address : 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong.

Test Site : 6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street,

Bao'an District, Shenzhen, Guangdong, China

Report on the submitted sample(s) said to be:

Sample Name : Sunglass with silver oval shape on, Sunglass with cork legs

Model : MO7455-04, MO7455-05, MO7455-06, MO7455-08, MO7455-10, MO7455-21,

MO7455-38, MO7455-48, MO6231-03

Vendor code : 101191 Age Grading : Adults Cat. No. : Cat.2

Filter Type : Uniform Lenses

Frame Color : Purple
Lens Color : Blue
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Received Date : Nov. 11, 2024

Testing Period : Nov. 11, 2024 to Nov. 18, 2024

Test Requested : Selected test(s) as requested by client.

Test Requested: Conclusion

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 63

- Lead(Pb) Content

Pass

Report No.: AGC03778241101-001

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 23

-Cadmium(Cd) Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 51&52

- Phthalates Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 50

- Polycyclic-aromatic Hydrocarbons (PAHs) Content

Pass

- EN ISO 12312-1: 2022 Eye and face protection — Sunglasses and related eyewear —

Part 1: Sunglasses for general use

Pass

-UV400 (In-house test, and test method refer to attached pages for details)

Pass

Approved by: Leon

Suhongliang, Leon

Technical Director



Report Revise Record

| Report Version | Issued Date | Valid Version | Notes |
|----------------|---------------|---------------|-----------------|
| / | Nov. 18, 2024 | Valid | Initial release |



The photo of the sample





The photo of AGC03778241101-001 is for use only with the original report.

Test Point Description

| Test point | Test point description |
|------------|-------------------------------------------------------------|
| 1 | Sunglass with silver oval shape on, Sunglass with cork legs |
| 1-1 | Purple mirror frame |
| 1-2 | Lens |
| 1-3 | Metal screw |
| 1-4 | Metal strip |



Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001% Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019/CNAS-GL015:2022.

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 63

- Lead(Pb) Content

Test Methods and Equipment: IEC 62321-5:2013; ICP-OES

| Test Item(s) | I Init | Unit Limit MDL | | Test Result(s) | |
|--------------|------------|----------------|----|----------------|------|
| rest ttem(s) | Ollit | | | 1-1 | 1-2 |
| Lead(Pb) | mg/kg | 500 | 10 | N.D. | N.D. |
| Con | Conformity | Conformity | | | |

| Tost Itom(s) | Unit | Limit MDI | | Test Result(s) | |
|--------------|------------|--------------------------------------------|-----|----------------|------|
| Test Item(s) | Unit | Limit MDL 500 10 | 1-3 | 1-4 | |
| Lead(Pb) | mg/kg | 500 | 10 | N.D. | N.D. |
| Co | Conformity | Conformity | | | |

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 23

-Cadmium(Cd) Content

Test Methods and Equipment: IEC 62321-5:2013; ICP-OES

| Toot Itom(s) | Unit | Limit MDL | | Test Result(s) | |
|--------------|------------|------------|-----|----------------|------|
| Test Item(s) | Unit | Lillit | MDL | 1-1 | 1-2 |
| Cadmium(Cd) | mg/kg | 100 | 10 | N.D. | N.D. |
| Co | Conformity | Conformity | | | |

| Test Item(s) | Unit Limit | Limit | MDI | Test Result(s) | |
|--------------|------------|------------|-----|----------------|------|
| Test Item(s) | Omi | Limit MDL | | 1-3 | 1-4 |
| Cadmium(Cd) | mg/kg | 100 | 10 | N.D. | N.D. |
| Co | Conformity | Conformity | | | |

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 51&52

- Phthalates Content

Test Methods and Equipment: IEC 62321-8:2017; GC-MS

| Tost Itam(s) | Unit | Limit | MDL | Test Result(s) | |
|--------------------------------------------|------|--------|-------|----------------|------|
| Test Item(s) | Unit | LIIIII | MDL | 1-1 | 1-2 |
| Diisobutyl phthalate (DIBP) CAS:84-69-5 | % | 0.1 | 0.005 | N.D. | N.D. |
| Dibutyl phthalate (DBP) CAS:84-74-2 | % | 0.1 | 0.005 | N.D. | N.D. |



| Test Item(s) | Unit Limit | | MDL | Test Result(s) | |
|------------------------------------------------------------|------------|------------|-------|----------------|------|
| Test Item(s) | | | MDL | 1-1 | 1-2 |
| Butylbenzyl phthalate (BBP) CAS:85-68-7 | % | 0.1 | 0.005 | N.D. | N.D. |
| Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7 | % | 0.1 | 0.005 | N.D. | N.D. |
| Di-n-octyl phthalate (DNOP) CAS:117-84-0 | % | / | 0.005 | N.D. | N.D. |
| Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0 | % | / | 0.005 | N.D. | N.D. |
| Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1 | % | / | 0.005 | N.D. | N.D. |
| Sum of DIBP +DBP+BBP+DEHP | % | 0.1 | / | N.D. | N.D. |
| Sum of DNOP+DINP+DIDP | % | 0.1 | / | N.D. | N.D. |
| Co | Conformity | Conformity | | | |

Limit requirements of Phthalates

| Toys and childcare articles | Each of DEHP, DBP, BBP, DIBP is less than 0.1% or the sum of DEHP+DBP+BBP+DIBP is less than 0.1% |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Toys and childcare articles which can be placed in the mouth by children | The sum of DINP+DIDP+DNOP is less than 0.1% |

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 50

- Polycyclic-aromatic Hydrocarbons (PAHs) Content

Test Methods and Equipment: Afps GS 2019:01 PAK; GC-MS

| Test Item(s) | Unit | Limit | MDL | Test Result(s) | |
|-----------------------------|----------|--------|-----|----------------|------------|
| Test Item(s) | | Lillit | MDL | 1-1 | 1-2 |
| Benzo[a]pyrene(BaP) | mg/kg | 1 | 0.1 | N.D. | N.D. |
| Benzo[e]pyrene(BeP) | mg/kg | 1 | 0.1 | N.D. | N.D. |
| Benzo[a]anthracene(BaA) | mg/kg | 1 | 0.1 | N.D. | N.D. |
| Benzo[b]fluoranthene(BbF) | mg/kg | 1 | 0.1 | N.D. | N.D. |
| Benzo[j]fluoranthene(BjFA) | mg/kg | 1 | 0.1 | N.D. | N.D. |
| Benzo[k]fluoranthene(BkF) | mg/kg | 1 | 0.1 | N.D. | N.D. |
| Chrysene(CHR) | mg/kg | 1 | 0.1 | N.D. | N.D. |
| Dibenzo[a,h]anthracene(DBA) | mg/kg | 1 | 0.1 | N.D. | N.D. |
| Co | nclusion | | _ | Conformity | Conformity |



| Limit requireme | Limit requirements of Polycyclic-aromatic Hydrocarbons (PAHs) (Unit: mg/kg) | | | | | | | | | |
|-----------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Items | CAS No. | Extender oils or used for the production of tyres or parts of tyres | Any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity | Toys, including activity toys, and childcare articles, any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity | | | | | | |
| Benzo[a]pyrene(BaP) | 50-32-8 | ≤ 1 | ≤ 1 | ≤ 0.5 | | | | | | |
| Benzo[e]pyrene(BeP) | 192-97-2 | / | ≤ 1 | ≤ 0.5 | | | | | | |
| Benzo[a]anthracene(BaA) | 56-55-3 | / | ≤ 1 | ≤ 0.5 | | | | | | |
| Benzo[b]fluoranthene(BbF) | 205-99-2 | / | ≤ 1 | ≤ 0.5 | | | | | | |
| Benzo[j]fluoranthene(BjFA) | 205-82-3 | / | ≤ 1 | ≤ 0.5 | | | | | | |
| Benzo[k]fluoranthene(BkF) | 207-08-9 | / | ≤ 1 | ≤ 0.5 | | | | | | |
| Chrysene(CHR) | 218-01-9 | / | ≤ 1 | ≤ 0.5 | | | | | | |
| Dibenzo[a,h]anthracene(DBA) | 53-70-3 | / | ≤ 1 | ≤ 0.5 | | | | | | |
| Sum of BaP+ BeP+ BaA+ BbF+ | / | < 10 | / | / | | | | | | |

Requirements for Sunglasses

BjFA+ BkF+ CHR+ DBA

Note: #1 The applicant's attention was drawn that the manufacturer should not use the frame materials which are known to cause irritation, allergic or toxic reaction during wear in a normal state of health against significant proportion of users. Sunglasses shall be designed, manufactured and packaged in such way that, when used under normal conditions, they will not compromise the health or safety of the wearer. The risks posed by substances leaking or evaporating from the sunglasses that can come into prolonged contact with the wearer shall be reduced by the manufacturer to within the limit of any applicable regulatory requirement.

≤ 10

Special attention shall be given to substances that are allergenic, carcinogenic, mutagenic or toxic to reproduction.

Substances recommended for cleaning, maintenance or disinfection shall be known to be unlikely to have any adverse effect upon the wearer, when applied in accordance with the instructions given in the information to be supplied by the manufacturer.





Manufacturers/suppliers shall perform an appropriate risk analysis on potentially harmful substances contained in the sunglasses that, when the sunglasses are used under normal conditions, the health (and safety) of the wearer shall not be compromised.

The following are examples of documents that represent the appropriate information:

- a) specification of the material(s);
- b) safety data sheets relating to the materials;
- c) information relating to the suitability of the materials for use in medical devices, or other relevant applications;
- d) information relating to toxicological, allergenic, carcinogenic, toxic to reproduction, or mutagenic investigations on the materials.

| R | REQUIREMENTS | TESTING | RESULT | | |
|--------------------------------|--------------------|-------------------------------|--------|-----------------------|--------|
| | Test item(s) | | | According to Clause | RESULT |
| Construction | | | 4.1 | ISO 18526-3:2020, 6.1 | P |
| | Filter material an | d surface quality | 4.2 | ISO 18526-3:2020, 6.6 | P |
| Construction Physiological con | | mpatibility | 4.3 | | NA |
| and materials | Head forms | For adult's sunglasses: 1-M | 4.4 | ISO 18526-4 | Р |
| | riead forms | For children's: 1-C6 or 1-C12 | 4.4 | 150 16320-4 | NA |
| Transmittance | Transmittance | Filter categories | | | Cat.2 |
| and filter | and filter | UV requirements | 5.2 | ISO 18526-2:2020, 7 | P |
| | categories | F1 1 | | 150 10320-2.2020, 7 | NA |

| REQUIREMENTS (According to ISO 12312-1) | | | | TESTING | |
|-----------------------------------------|---------------------------------------|------------------------------------------------------|---------------------|-----------------------------|--------|
| | Test item(s) | | According to Clause | According to Clause | RESULT |
| | Uniformity of l | uminous transmittance | 5.3.1 | ISO 18526-2:2020, 7 | P |
| | Requirements for road use and driving | Filter categories | 5.3.2.1 | ISO 18526-2:2020, 7 | P |
| | | Spectral transmittance | 5.3.2.1 | ISO 18526-2:2020, 7 | P |
| | | Detection of signal lights | 5.3.2.1 | ISO 18526-2:2020, 11 | P |
| 3.13 3.1 | | Road use (including driving) in twilight or at night | 5.3.2.2 | ISO 18526-2:2020, 16.3.2 | NA |
| | Wide angle scattering | | 5.3.3 | ISO 18526-2:2020, 14.1 | P |



| | | | | | 100001110110C031 | / O = 11101 001 |
|----------------------------|----------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------|-----------|-----------------------------------------|-----------------|
| | | Photochromic filters | | 5.3.4.1 | ISO 18526-2:2020, | NA |
| | | Polarizing filter | rs | 5.3.4.2 | ISO 18526-2:2020, 15 | NA |
| General | | Gradient filters | | 5.3.4.3 | ISO 18526-2:2020, 7 | NA |
| transmittance requirements | | | General | 5.3.4.4.1 | ISO 18526-2:2020, 17.11 and Annex E. | NA |
| | | | Default mode | 5.3.4.4.2 | | NA |
| | transmittance | | Reaction time | 5.3.4.4.3 | ISO 18526-2:2020, 17.1 | NA |
| | requirements for specific filter types | Electro-optical | Photosensitive seizures | 5.3.4.4.4 | | NA |
| | mer types | sun glare filter, electro-optical sunglass filter | Combined uniformity and angular dependence of luminous transmittance | 5.3.4.4.5 | ISO 18526-2:2020 | NA |
| | | | Narrow angle scatter | 5.3.4.4.6 | ISO 18526-2:2020, 14.2 | NA |
| | Blue-light abso | orption/transmitta | nce | 5.3.5.1 | ISO 18526-2:2020, 7 | NA |
| Claimed | UV absorption. | ption/transmittance ctive coated sunglasses | | 5.3.5.2 | ISO 18526-2:2020, 7 | NA |
| transmittance | Antireflective | | | 5.3.5.3 | ISO 18526-2:2020,13 | NA |
| properties | Reduced reflec | tion coated sungl | lasses | 5.3.5.4 | ISO 18526-2:2020,13 | NA |
| | Enhanced infra | Enhanced infrared absorption | | | ISO 18526-2:2020, 7 | NA |
| | | | | | | |

| | REQUIREMENTS (According to ISO 12312-1) | TESTING | | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------|--------|
| | Test item(s) | According to Clause | According to Clause | RESULT |
| | Spherical and astigmatic power | 6.1 | ISO 18526-1:2020, 6.1 | P |
| Refracti ve power | Spatial deviation(If during the measurements spherical and astigmatic power, a doubling or other aberration of the image is observed) | 6.2 | ISO 18526-1:2020, 6.3 | NA |
| Power | Prism imbalance (relative prism error) | 6.3 | ISO 18526-2:2020, 6.2 | P |
| | Minimum robustness of filters(remark: this test is not necessary if the sunglasses meet <u>7.3</u> or <u>7.6</u>) | 7.1 | ISO 18526-3:2020, 7.2.1 | Р |
| | Frame deformation and retention of filters | 7.2 | ISO 12311, 6 | P |
| | Impact resistance of sunglasses, strength level 1 (optional specification) | 7.3 | ISO 18526-3:2020, 7.3.1 | NA |



| | Increased endurance of sunglasses (optional specification) | 7.4 | ISO 12311, 9.7 | NA |
|-------------------------------|----------------------------------------------------------------------------|------|-------------------------|----|
| Robustness | Resistance to perspiration(optional specification) | 7.5 | ISO 12311, 9.10 | NA |
| | Impact resistance of sunglasses, strength level 2 (optional specification) | 7.6 | ISO 18526-3:2020, 7.3.1 | NA |
| | Impact resistance of sunglasses, strength level 3 (optional specification) | 7.6 | ISO 18526-3:2020, 7.3.2 | NA |
| Resistance to solar radiation | | 8 | ISO 18526-3:2020, 6.8.2 | P |
| Resistance to | ignition | 9 | ISO 18526-3:2020, 6.10 | P |
| Resistance to | abrasion (Optional specification) | 10 | ISO 8980-5 | NA |
| Protective | Coverage area | 11.1 | | P |
| requirement s | Temporal protective requirements(Apply for Cat.4) | 11.2 | | NA |
| Informatio n and | Information to be supplied with each pair of sunglasses | 12.1 | | NR |
| labeling | Additional information | 12.2 | | NR |

Remark: P = Pass; F = Fail; NA = Not Applicable; NR=Not require; X=checked; Cat.=Category;

 τ_V =luminous transmittance



Construction — Clause 4.1 and Filter material and surface quality — Clause 4.2

| Sample No. | Constr | uction | Filter Material and Surface Quality | | Filter Material and Surface Quality Co | | Comment | Result(s) |
|------------|----------|--------|-------------------------------------|--------|----------------------------------------|---|---------|-----------|
| | Observed | Absent | Observed | Absent | | | | |
| 1 | | X | | X | | P | | |

Requirements:

- 1. Construction: Areas of the sunglass, including the frame and, if in a rimless or semi-rimless style, the edges of the filters, that may come into contact with the wearer during intended use shall be smooth and without sharp projections.
- 2. Filter material and surface quality: Except in a marginal area 5 mm wide, sunglass filters shall have no material or machining defects within an area of 30 mm diameter centred on the reference point that could impair vision, e.g. bubbles, scratches, inclusions, dull spots, pitting, mould marks, notches, reinforced areas, specks, beads, water specks, pock marks, gas inclusions, splintering, cracks, polishing defects or undulations. If this 5 mm wide portion around the edge of the test sample intrudes into this circular area, then this intrusion shall be excluded from testing.

Transmittance and filter categories — Clause 5.2

| Sample No.: 1 | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------|-------|-----------|
| Test Items | Test Items Requirements | | Right | Result(s) |
| | For Cat. 0: 80.0~100 | | | |
| τν (380~780)nm (%) | For Cat. 1: 43.0~80.0 | | | |
| | For Cat. 2: 18.0~43.0 | 24.8 | 24.6 | D |
| | For Cat. 3: 8.0~18.0 | | | P |
| | For Cat. 4: 3.0~8.0 | | | |
| Filter Cat | Claimed Cat.: Cat.2 | Cat.2 | Cat.2 | |
| T SUVB(280~315)nm (%) \square For Cat. 0,1: \le 0.05 τ v _{D65} \square For Cat. 2:1.0% absolute or 0.05 τ v _{D65} whichever is greater; \square For Cat. 3, 4: 1.0% absolute | | 0.0 | 0.1 | P |
| τ SUVA(315~380)nm (%) □For Cat. 0, 1: ≤τ v _{D65} ; □For Cat. 2, 3: ≤0.5τ v _{D65} □For Cat. 4:1.0% absolute or 0.25τ v _{D65} whichever is greater | | 0.0 | 0.1 | P |

Measurement Uncertainty (if necessary):



Uniformity of luminous transmittance —Clause 5.3.1

| Sample No.: 1 | | | | | | |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-----------|--|--|
| Test Items | Requirements | Left | Right | Result(s) | | |
| Difference within filter (%) (relative to higher value) | The relative difference in the luminous transmittance value: □ For Cat. 0, 1, 2, 3: ≤15% □ For Cat. 4: ≤20% | 1.2 | 3.9 | Р | | |
| Difference with mounted filters (relative to higher value)(%) | The relative difference between the luminous transmittance value of the visual center for right and left eye: □For gradient-tinted filters: ≤ 20% □For all other types: ≤ 15% | (| 0.8 | P | | |

Measurement Uncertainty (if necessary):

Requirements for road use and driving — Clause 5.3.2

| Sample No.: 1 | | | | | | |
|----------------------------------------------------------|--------------------------------------------------------------------------------|------------------------|--------------------|-----------|--|--|
| Test Items | Requirements | Left | Right | Result(s) | | |
| Categories | Filters suitable for road use and driving shall be of categories 0, 1, 2 or 3. | Cat.2 | Cat.2 | P | | |
| Spectral transmittance (475~650)nm (%) | ≥0.2τv _{D65} | 0.73τ _{v D65} | $0.74\tau_{v~D65}$ | P | | |
| Red Signal | ≥0.80 | 0.92 | 0.92 | P | | |
| Yellow Signal | ≥0.60 | 0.90 | 0.91 | P | | |
| Green Signal | ≥0.60 | 1.05 | 1.05 | P | | |
| Blue Signal | ≥0.60 | 1.24 | 1.24 | P | | |
| Road use (including driving) in twilight or at night (%) | ≥75.0 | 24.8 | 24.6 | NA | | |

Measurement Uncertainty (if necessary):

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

Report No.: AGC03778241101-001



Wide angle scattering — Clause 5.3.3

| Comple No | Wide Angle So | cattering (%) | Dogult(s) |
|------------|---------------|---------------|-----------|
| Sample No. | Left | Right | Result(s) |
| 1 | 1.5 | 1.4 | P |

Report No.: AGC03778241101-001

Requirements:

At the reference point, the wide-angle scatter of the filters in the condition as supplied by the manufacturer shall not exceed the value of 3 %.

Measurement Uncertainty (if necessary):

Spherical and astigmatic power— Clause 6.1

| Sample No.:1 | | | | | | |
|----------------------|--------------------------------------|-------|-------|-----------|--|--|
| Test Items | Requirements | Left | Right | Result(s) | | |
| | ± 0.12D | -0.01 | -0.02 | P | | |
| Spherical Power (D) | The difference between the spherical | 0.10 | | | | |
| | powers shall not exceed 0.18 D; | | | | | |
| Astigmatic Power (D) | ≤0.12D | 0.04 | 0.00 | P | | |

Measurement Uncertainty (if necessary):

Prism imbalance (Relative prism error) — Clause 6.3

| Sample No. | Requirements | | Prism imbalance(cm/m) | Result |
|------------|--------------|----------------------|-----------------------|--------|
| | II : 1 | Base Out: <1.00 cm/m | | |
| 1 | Horizontal | ☐Base In: <0.25 cm/m | 0.0. | P |
| | Vertical | <0.25 cm/m | 0.00 | |

Measurement Uncertainty (if necessary):

Minimum robustness of filters — Clause 7.1

| Comple No | Def | fects | Comment | D 14() | |
|------------|----------|--------|---------|-----------|--|
| Sample No. | Observed | Absent | Comment | Result(s) | |
| 1 | | X | | P | |

Requirements:

None of the following defects shall appear on filters:

a.Filter fracture;

b.Filter deformation;

Note:

- 1. For clip-ons neither a) nor b) are applicable.
- 2. This test is not necessary if the sunglasses meet Impact resistance of sunglasses, strength level 1, or level 2, or Level 3.



Frame deformation and retention of filters — Clause 7.2

Residual

Deformation

X (mm)

0.00

Boxed Center

Distance C

(mm)

73.00

| Structure | | Lens Retention | | |
|-----------|------|----------------|------|-----------|
| ass | Fail | Pass | Fail | Result(s) |

X

Report No.: AGC03778241101-001

P

Requirements:

1

Sample No.

1. Be permanently deformed from its original configuration by not more than 2% of the distance C,. Deformation percentage Φ ; Calculation: $\Phi(\%) = X/C*100$

Deformation

Percentage **Φ**

(%)

0.0

Pass

X

- 2. No fracture or crack at any point;
- 3. No filter shall be displaced from the frame.

Measurement Uncertainty (if necessary):

Resistance to Radiation — Clause 8

| Sample No.: 1 | | | | |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|-----------|
| Test Items | Requirements | Left | Right | Result(s) |
| The relative change of luminous transmittance(%) | ☐ For Cat.0: <±3% ☐ For Cat.1: <±5% ☐ For Cat.2: <±8% ☐ For Cat.3&4: <±10% | 0.4 | 0.0 | P |
| Wide angle scattering(%) | After exposure, the value of wide angle scattering shall not exceed the limit value of 3%; | 1.0 | 1.0 | P |
| τ _{SUVB} (280~315)nm(%) | □For Cat. 0,1:≤0.05τ _{V D65} □For Cat. 2:1.0% absolute or 0.05τ _{V D65} whichever is greater; □For Cat. 3, 4: 1.0% absolute | 0.0 | 0.0 | P |
| τ _{SUVA} (315~380)nm(%) | | | 0.0 | P |

Measurement Uncertainty (if necessary):

Ignition — Clause 9

| Continued Combustion | | Comment | Degult(g) |
|-----------------------------|-----|----------|-----------|
| Yes | No | Comment | Result(s) |
| | X | | P |
| | | | • |
| | Yes | Yes No X | Comment |

| Sample No |).: 1 | | | | | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------|-------|--------|
| Test | Requirement | | | Left | Right | Result |
| G | Sunglasses shall cover two ellipses, and symmetrically placed on each side of the centre of the bridge of the frame: | | | | | |
| Cover two ellipses | For Adults': - horizontal dianet | meter: (40±1)mm ter: (28±1) mm | For Children': - horizontal diameter: (34±1)mm - vertical diameter: (24±1) mm | Meet | Meet | P |
| *Prevent | τ _{SUVB} (280~315) nm (%) | For Cat. 0,1: ≤ 0. For Cat. 2:1.0% a whichever is gre For Cat. 3, 4: 1.0 | absolute or $0.05\tau v_{D65}$ eater | 0.0 | 0.1 | P |
| UVradiati on | τ _{SUVA} (315~380) nm (%) | For Cat. 0,1: ≤τ For Cat. 2,3:≤0 For Cat. 4:1.0% a whichever is gr | $0.5\tau v_{D65}$ absolute or $0.25\tau v_{D65}$ | 0.0 | 0.1 | Р |
| | | <u> </u> | As defined by the headform utilized, nm 1-C12, PD=58mm. | PD=()mm | | |

Measurement Uncertainty (if necessary):

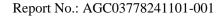
Remark: *Prevent UV radiation measured point: Any point within specified two elliptical regions.

UV400 (In-house test, non- accredited test item)

Assessment was made against a level of 100% UV protection, in which the spectral transmittance was examined within a range of 280nm - 400nm.

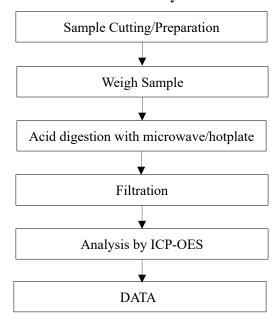
| | Wavelength (nm) | Maximum Spectral transmittance (%) | | Result | |
|---------------|----------------------------|------------------------------------|-------|---------|--|
| Sample Number | | Left | Right | Ttesair | |
| 1 | 280-400 | 0.3 | 0.4 | P | |
| Requiremen | its: | | | | |
| Maximum | spectral transmittance sha | ll not exceed 0.5%. | | | |

Measurement Uncertainty (if necessary):

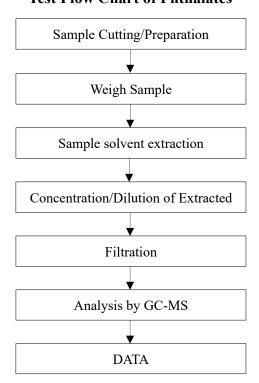


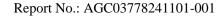


Test Flow Chart of Heavy Metal Content



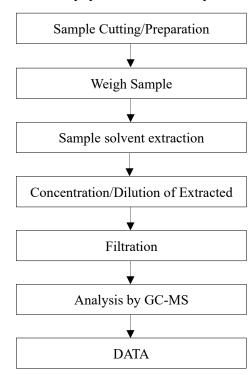
Test Flow Chart of Phthalates







Test Flow Chart of Polycyclic-aromatic Hydrocarbons (PAHs)





Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations. 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***