



# Test Report

CTIC Testing Group (Guangdong) Co., Ltd.

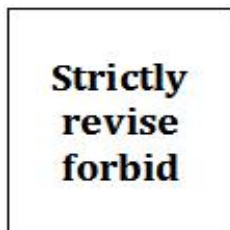
Report No: CTIC7432409580124102HR

**Applicant:** Taizhou Zanla Glasses Co., Ltd.  
**Address:** 1502, Unit 1, Building 32, Manyue Bay Community, Zhang'an Street, Taizhou, Zhejiang  
**Manufacturer:** Taizhou Zanla Glasses Co., Ltd.  
**Address:** 1502, Unit 1, Building 32, Manyue Bay Community, Zhang'an Street, Taizhou, Zhejiang

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

**Sample Name:** Sunglasses  
**Trademark:** /  
**Main test model:** ZLXA9031  
**Sample Received Date:** ZLYJMG, ZLWR145, ZLWRKL, ZLWRNT, ZLWRSTAR, ZLWRZZW  
**Testing Period:** Jan.17, 2024 To Jan.24, 2024  
**Test Requested:** Selected test (s) in the selected parts as requested by client with the RoHS 2.0 Directive 2011/65/EU Annex II (EU) 2015/863 as last amended by Directive (EU) 2017/2102.  
**Test Method:** Please refer to next page(s).  
**Test Result:** Please refer to next page(s).

Signed for and on behalf of



Richard Luo / Approved Signatory

Cg9b4B

qCXgbB



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## Test Content:

Test Item(s)	Test Method	Reference	Unit	Limit	MDL
Cadmium(Cd)	IEC 62321-5:2029	ICP-OES	mg/kg	100	2
Lead(Pb)	IEC 62321-5:2029	ICP-OES	mg/kg	1000	2
Mercury(Hg)	IEC 62321-4:2017	ICP-OES	mg/kg	1000	2
Hexavalent Chromium(CrVI) (Metal)	IEC 62321-7-1:2015	UV-Vis	µg/cm <sup>2</sup>	0.29	0.1
Hexavalent Chromium(CrVI) (Nonmetal)	IEC 62321-7-2:2017	UV-Vis	mg/kg	1000	8
PBBs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
PBDEs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
Dibutyl Phthalate(DBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Butyl benzyl phthalate (BBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Di-(2-ethylhexyl) Phthalate(DEHP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Diisobutyl phthalate (DIBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30

PBBs		PBDEs	
Monobromobiphenyl	Hexabromobiphenyl	Monobromodiphenyl ether	Hexabromodiphenyl ether
Dibromobiphenyl	Heptabromobiphenyl	Dibromodiphenyl ether	Heptabromodiphenyl ether
Tribromobiphenyl	Octabromobiphenyl	Tribromodiphenyl ether	Octabromodiphenyl ether
Tetrabromobiphenyl	Nonabromobiphenyl	Tetrabromodiphenyl ether	Nonabromodiphenyl ether
Pentabromobiphenyl	Decabromobiphenyl	Pentabromodiphenyl ether	Decabromodiphenyl ether

Add:201, Building A1, Lilang International Jewelry Industrial Park, No.31, BulanRoad, Xialilang Community, Nanwan Street, Longgang District, Shenzhen.Guangdong, China

Certificate Search: Tel: 400-6800-890, <http://www.ctic-lab.com>, E-mail: [christina@ctic-lab.com](mailto:christina@ctic-lab.com)



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## Sample Description:

No.	Description	Name
1	plastic	Sunglasses leg
2	metal	Sunglasses frame
3	plastic	Eyeglasses nose holder
4	plastic	Purple lens
5	plastic	Sunglasses leg
6	metal	Sunglasses frame
7	plastic	Eyeglasses nose holder
8	plastic	green lens



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## Test Result

Test Item(s)	No.1	No.2	No.3	No.4	No.5
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	--	N.D.	N.D.	N.D.
PBDEs	N.D.	--	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	--	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	N.D.	--	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate(DEHP)	N.D.	--	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	N.D.	--	N.D.	N.D.	N.D.

## Test Result

Test Item(s)	No.6	No.7	No.8	--	--
Cadmium (Cd)	N.D.	N.D.	N.D.	--	--
Lead (Pb)	N.D.	N.D.	N.D.	--	--
Mercury (Hg)	N.D.	N.D.	N.D.	--	--
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	--	--
PBBs	--	N.D.	N.D.	--	--
PBDEs	--	N.D.	N.D.	--	--
Dibutyl Phthalate (DBP)	--	N.D.	N.D.	--	--
Butyl benzyl phthalate (BBP)	--	N.D.	N.D.	--	--
Di-(2-ethylhexyl) Phthalate(DEHP)	--	N.D.	N.D.	--	--
Diisobutyl phthalate (DIBP)	--	N.D.	N.D.	--	--

- Note:**
1. mg/kg= ppm
  2. N.D.= Not Detected(<MDL)
  3. MDL = Method Detection Limit
  4. -- = No Testing
  5. when Cr(VI) in a sample is detected below the 0.10  $\mu\text{g}/\text{cm}^2$  LOQ (limit of



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quantification), the sample is considered to be negative for Cr(VI). Since Cr(VI) may not be uniformly distributed in the coating even within the same sample batch, a "grey zone" between  $0.10 \mu\text{g}/\text{cm}^2$  and  $0.29 \mu\text{g}/\text{cm}^2$  has been established as "inconclusive" to reduce inconsistent results due to unavoidable coating variations. In this case, additional testing may be necessary to confirm the presence of Cr(VI). When Cr(VI) is detected above  $0.29 \mu\text{g}/\text{cm}^2$ , the sample is considered to be positive for the presence of Cr(VI) in the coating layer. unavoidable coating variations may influence the determination Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.



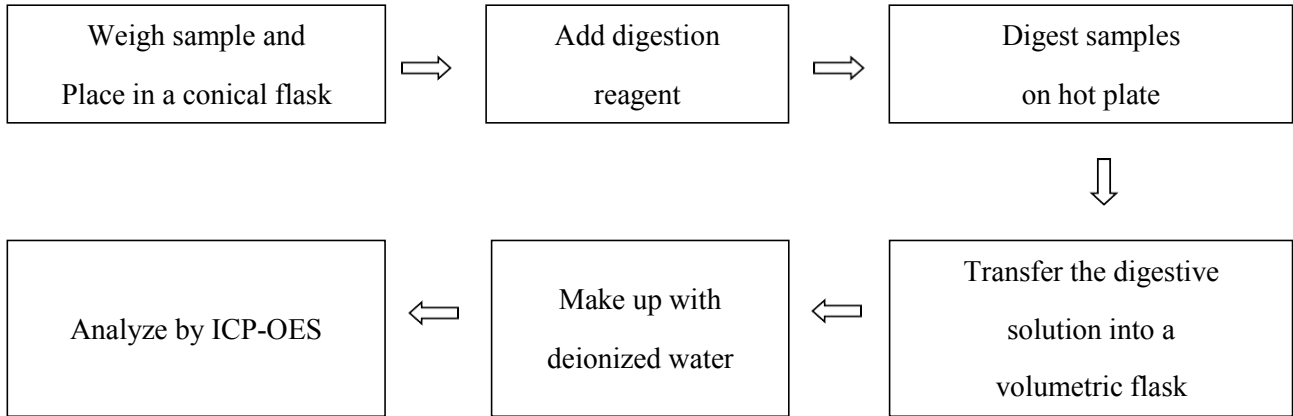
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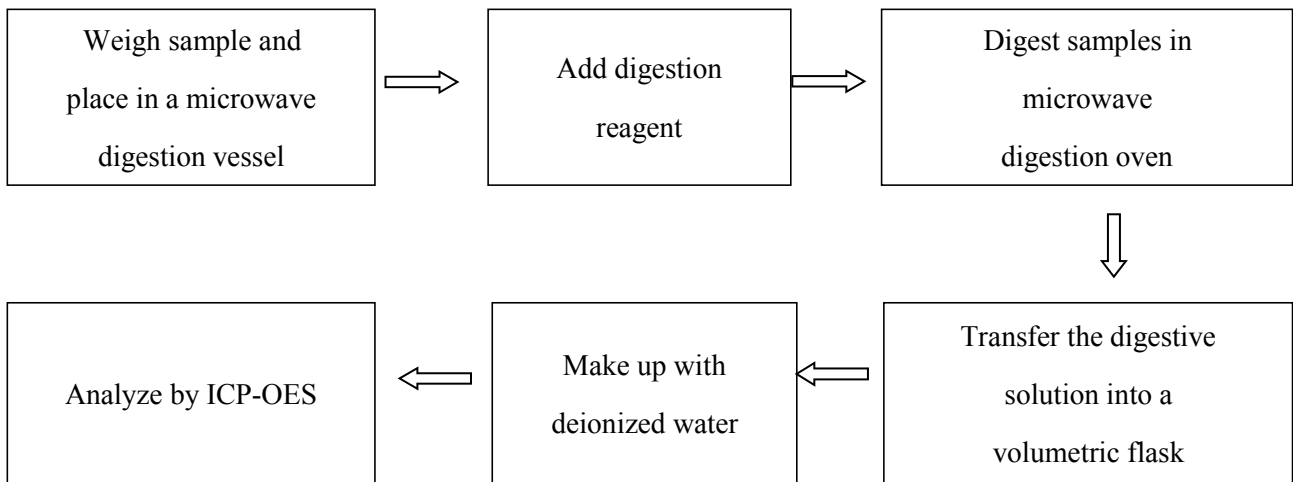
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## Test Process:

### 1. Test for Cd/Pb Content

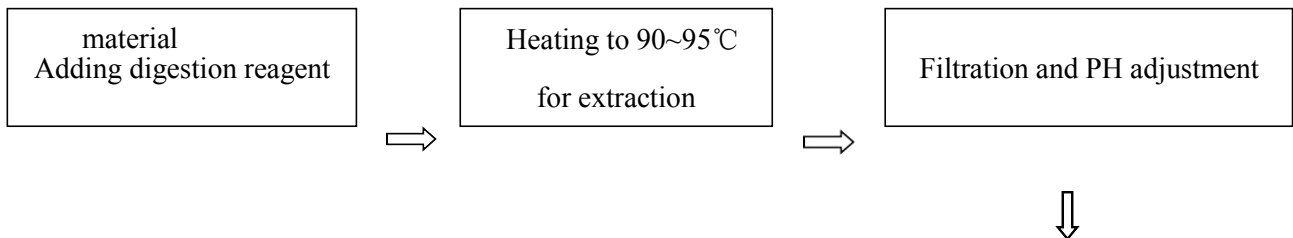


### 2. Test for Hg Content



### 3. Test for Chromium (VI)

Content Nonmetal

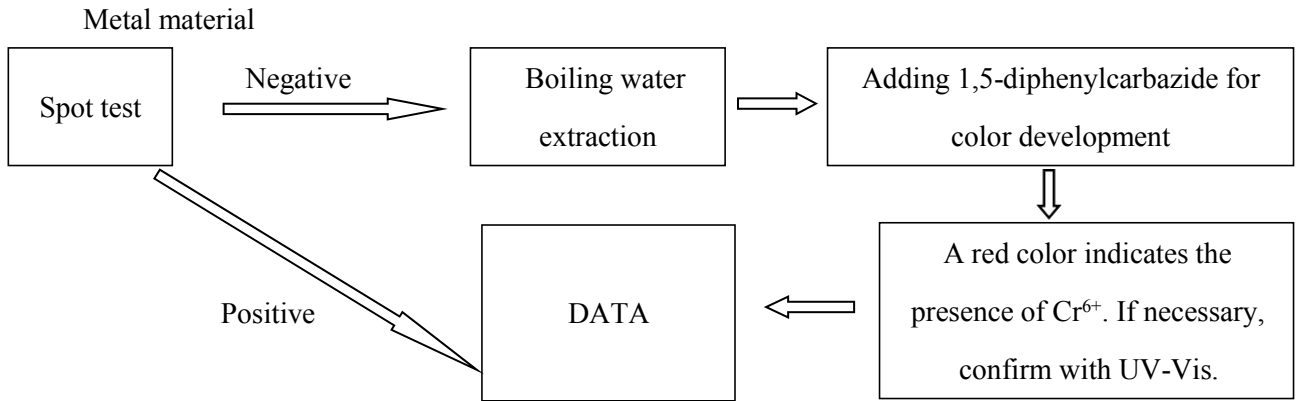
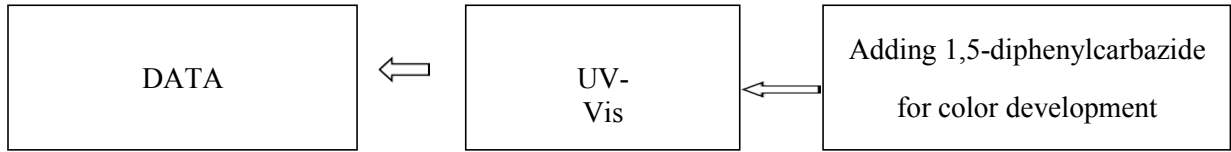




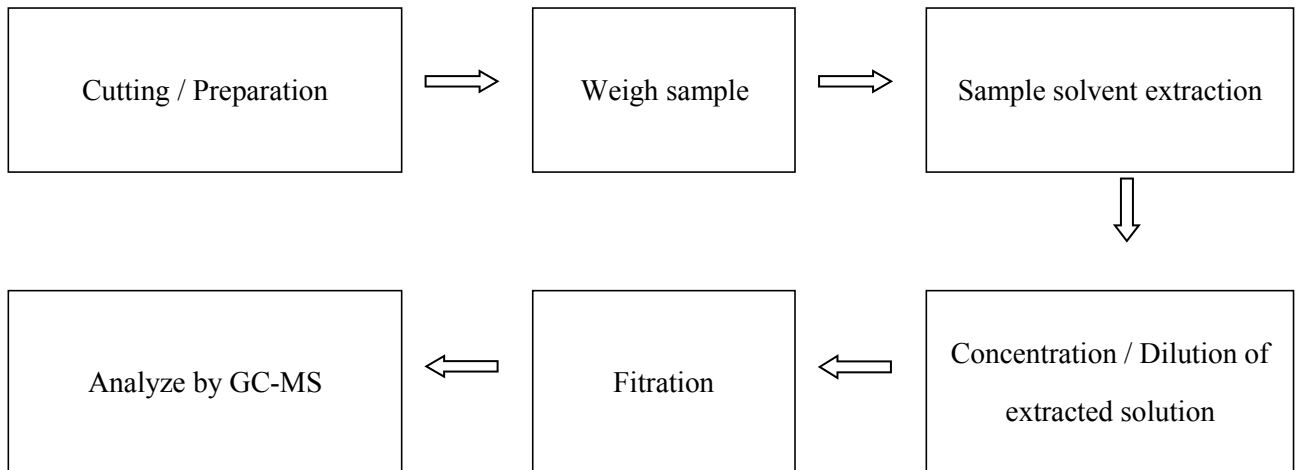
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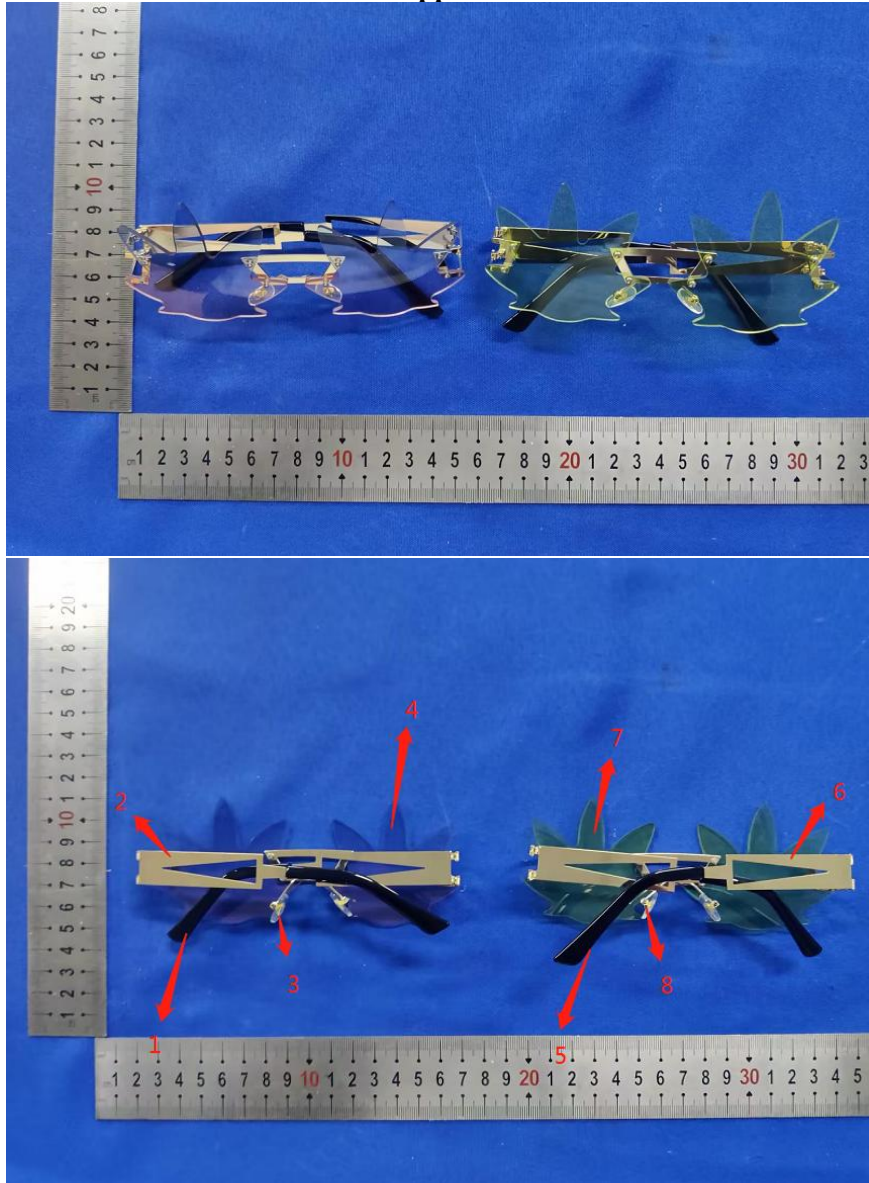
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#### 4. Test for DBP, BBP, DEHP, DIBP, PBB, PBDE Content



## Photos General Appearance of the EUT



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





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## Statements

1. The reported test results were only related to the items being tested
2. The report is valid for three hundred and land months.
3. The report is invalid without the "special seal for inspection and testing" or the official seal of the test unit.
4. The report is invalid without the signature of the principal inspection, review and approver.
5. The copy of the report is invalid. If the copy should be approved by the center and stamped with the official seal.
6. The commissioning test is only responsible for the incoming samples.
7. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue objection will not be accepted.
8. The test data of "\*" awarded in this report is an external test, which is not within the scope of CNAS or CMA of the laboratory, and is not impartial.
9. The entrusting party needs to upload 10 working days before the inquiry.
10. For the samples submitted for inspection, the sample information client claims that the Company is not responsible for their authenticity.
11. If the client fails to retrieve the sample within one month from the date of receiving the test report, it shall be deemed to allow the test unit to handle it by itself.