



Report No.: RTS250103X0220SL

Date : 2025-01-09

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TEST REPORT

Test information

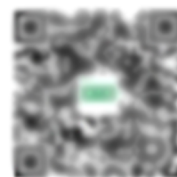
Applicant	:	
Address	:	
Sample Description	:	Key west sunglasses/Naples sunglasses.
Style #	:	CO131006/RM89326//RM89361,CO131002/RM89327.
Country of origin	:	China.
Receiving Date	:	January 03, 2025.
Test period	:	January 03, 2025.~January 09, 2025.
Test Requested	:	Tests requested in accordance to client requirement.

TEST ITEMS	CONCLUSIONS
Total Lead(Pb) in Children's Product - CPSIA Section 101	PASS
Lead(Pb) in Paint and Other Similar Surface Coating - CPSIA Section 101 & 16 CFR Part 1303	PASS
Total Lead(Pb) Content - California Proposition 65- Superior Court of California- County of San Francisco Case No.CGC-09-492696.	PASS
Total Cadmium content - California Proposition 65- Superior Court of California- County of Alameda Case No.RG-10514803	PASS
Phthalates Content test - CPSC 16 CFR 1307 & CP65 A.B.1108	PASS
Bis-phenol-A(BPA) content test - Client's requirement	PASS
ANSI Z80.3-2018: For Ophthalmics - Nonprescription Sunglass and Fashion Eyewear Requirements only test: -Clause 4.10.3 Ultraviolet mean transmittance	PASS

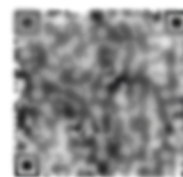
Signed for and on behalf of
RTS TEST CO., LTD. (Zhejiang)

BINBIN ZOU

Approved signatory



Scan to follow us



Scan for authenticity

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Sample image:



Sample image:

**Test result:****A1. Total Lead in Substrate Materials:** (Unit: mg/kg)

Section 101(a) of the Consumer Product Safety Improvement Act of 2008 (CPSIA) (Public Law 110-314) (15 U.S.C. 1278a), as modified by H.R. 2715 (Public Law 112-28, August 12, 2011)

Test method:

Metal - CPSC-CH-E1001-08.3., Nonmetal - CPSC-CH-E1002-08.3.,

Was analyzed by flame atomic absorption spectrometry (AAS) or inductively coupled plasma spectrometer (ICP-OES).

Test Number	Item/ component description(s)
A1	1# black plastic lens
A2	1# (blue & black) plastic frame
A4	2# black plastic frame & blue plastic temple
A5	1# silvery metal eye casting
A6	1# silvery metal screw

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Lead (Pb)	A1	5	N.D.	100	PASS
	A2▲	5	N.D.	100	PASS
	A4▲	5	N.D.	100	PASS
	A5	5	24	100	PASS
	A6	5	N.D.	100	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3) Any substrate material, that is not more than 100ppm lead by weight.
- 4) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

Remark:

Zhejiang RTS Test Co.,Ltd. is the US (CPSC) Accredited Third Party Testing Laboratory, [LAB ID: 1422](#), Shall refer to:

<https://www.cpsc.gov/cgi-bin/LabSearch/ViewDetail.aspx?ReqId=7%2bFdY2oZNSUVU5mvl6jQA%3d%3d&LabId=CJaaI8d5DKIPggie8zcyw%3d%3d>

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**A2. Lead(Pb) in Paint and Other Similar Surface Coating:** (Unit: mg/kg)

Section 101 of the Consumer Product Safety Improvement Act of 2008 (CPSIA) (pdf) (Public Law 110-314), as modified by H.R. 2715 (Public Law 112-28, August 12, 2011) and in 16 CFR part 1303.

Test method:

Surface coating- with reference to CPSC-CH-E1003-09.1, Was analyzed by flame atomic absorption spectrometry (AAS) or inductively coupled plasma spectrometer (ICP-OES).

Test Number	Item/ component description(s)
A3	1# (black & white) paint

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Lead (Pb)	A3▲	5	7	90	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3) Any surface coating, that is not more than 90ppm lead by weight.
- 4) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

Remark:

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**A3. Total lead content:** (Unit: mg/kg)

California Proposition 65- Superior Court of California- County of San Francisco Case No.CGC-09-492696.

Test method:

Metal- CPSC-CH-E1001-08.3; Nonmetal- CPSC-CH-E1002-08.3; Surface coating- CPSC-CH-E1003-09.1, Was analyzed by flame atomic absorption spectrometry (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Number	Item/ component description(s)
A1	1# black plastic lens
A2	1# (blue & black) plastic frame
A3	1# (black & white) paint
A4	2# black plastic frame & blue plastic temple
A5	1# silvery metal eye casting
A6	1# silvery metal screw

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Lead (Pb)	A1	5	N.D.	90	PASS
	A2▲	5	N.D.	100	PASS
	A3▲	5	7	100	PASS
	A4▲	5	N.D.	100	PASS
	A5	5	24	100	PASS
	A6	5	N.D.	100	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3) Paint and surface coatings shall not exceed 90 ppm (0.009%) total lead content.
- 4) Substrates materials shall not exceed 100 ppm (0.01%) total lead content.
- 5)“▲” = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials is substantially higher. Please be cautious when using this data for compliance evaluation.

Remark:Zhejiang RTS Test Co.,Ltd. Is the US (CPSC) Accredited Third Party Testing Laboratory, [LAB ID: 1422](#), Shall refer to:<https://www.cpsc.gov/cgi-bin/LabSearch/ViewDetail.aspx?ReqId=7%2bFdY2oZNSUVU5mvl6jQA%3d%3d&LabId=CJaa18d5DKIPqgie8zcyw%3d%3d>**Zhejiang RTS Test Co., LTD.**

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**B. Cadmium content test:**(Unit: mg/kg)

California Proposition 65- Superior Court of California- County of Alameda Case No.RG-10514803.

Test method: As per Metal - CPSC-CH-E1001-08.3; Nonmetal - CPSC-CH-E1002-08.3; Surface coating -

CPSC-CH-E1003-09.1, Was analyzed by flame atomic absorption spectrometry(AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Number	Item/ component description(S)
A1	1# black plastic lens
A2	1# (blue & black) plastic frame
A3	1# (black & white) paint
A4	2# black plastic frame & blue plastic temple
A5	1# silvery metal eye casting
A6	1# silvery metal screw

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Cadmium (Cd)	A1	5	N.D.	300	PASS
	A2 ▲	5	N.D.	300	PASS
	A3 ▲	5	N.D.	300	PASS
	A4 ▲	5	N.D.	300	PASS
	A5	5	N.D.	300	PASS
	A6	5	N.D.	300	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3) Product shall not exceed 300 ppm (0.03%) total cadmium content.
- 4)“▲” = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

**C. Phthalates Content test:** (Unit: mg/kg)

Consumer Product Safety Commission (CPSC)16 CFR Part 1307 and California Proposition 65 A.B.1108.

Test method: CPSC-CH-C1001-09.4, was analyzed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Number	Item/ component description(s)
A1	1# black plastic lens
A2	1# (blue & black) plastic frame
A3	1# (black & white) paint
A4	2# black plastic frame & blue plastic temple

Test Item(s)	CAS No.	Results				MDL	Limit value
		A1	A2▲	A3▲	A4▲		
Dibutyl Phthalate(DBP)	84-74-2	N.D.	N.D.	N.D.	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	85-68-7	N.D.	N.D.	N.D.	N.D.	50	1000
Bis-(2-ethylhexyl)Phthalate(DEHP)	117-81-7	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-octyl Phthalate(DNOP)	117-84-0	N.D.	N.D.	N.D.	N.D.	50	1000
Diisodecyl Phthalate(DIDP)	26761-40-0	N.D.	N.D.	N.D.	N.D.	50	1000
Di-iso-nonyl Phthalate(DINP)	28553-12-0	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-hexyl Phthalate(DHEXP)	84-75-3	N.D.	N.D.	N.D.	N.D.	50	1000
Diisobutyl phthalate (DIBP)	84-69-5	N.D.	N.D.	N.D.	N.D.	50	1000
Dipentyl phthalate (DPENP)	131-18-0	N.D.	N.D.	N.D.	N.D.	50	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	N.D.	N.D.	N.D.	N.D.	50	1000
Conclusion:	-	PASS	PASS	PASS	PASS	-	-

Note:

1) N.D. = not detected, less than MDL.

2) MDL = Method Detection Limit.

3) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

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**D. Bis-phenol-A(BPA) Content test:** (Unit:mg/kg)**Test method:** With reference to EPA 3550C:2007, Analysis was performed by LC-MS/MS.

Test Number	Item/ component description(s)
A2	1# (blue & black) plastic frame
A4	2# black plastic frame & blue plastic temple

Test Items	Test number	MDL	Test Results	Client's limit	Conclusion
Bis-phenol-A(BPA) (CAS No.:80-05-7)	A2▲	0.1	N.D.	0.1	PASS
	A4▲	0.1	N.D.	0.1	PASS

Note:

- 1) 1mg/kg = 0.0001% = mass percent.
- 2) N.D. = Not detected, less than 0.1 mg/kg.
- 3) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

**E. ANSI Z80.3-2018: For Ophthalmics - Nonprescription Sunglass and Fashion Eyewear Requirements only test:**

Test Number	Item/ component description(S)
A1	1# black plastic lens

Clause 4.10.3 Ultraviolet mean transmittance

Requirements					
Type(Primary function and shade category)		Cosmetic light	General purpose Medium to dark	Special purpose Very dark	Special purpose lens or shield, strongly colored
Mean transmittance ultraviolet (UVA)Transmittance(%) (315nm to 380nm)	Normal use	τv		0.5τv	
	High & prolonged exposure	0.5τv		0.5τv	
Mean transmittance ultraviolet (UVB)Transmittance(%) (280nm to 315nm)	Normal use	0.125τv		1	
	High & prolonged exposure	1		1	

Range	Mean transmittance (%)		Limit	
	Left ocular	Right ocular	Left	Right
280 - 315 nm (UVB)	<0.10	<0.10	$0.125\tau_v$ (1.41)	$0.125\tau_v$ (1.48)
315 - 380 nm (UVA)	<0.10	<0.10	τ_v (11.3)	τ_v (11.8)

----- End of Report -----

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