No. YW20260010

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中国认可
国际互认
检测
TESTING
CNAS L1071

TEST REPORT

Product: Solar Eclipse Glasses

Model: WGP01, WGD07

Applicant: CCQS Certification Services Limited

Date of issue: 2026-01-08

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7) The applicant should be responsible for the authenticity of the sample informations.

* *

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TEST REPORTS

Information

Report No.	YW20260010
Commission No.	G4003393
Testing Laboratory	Guangzhou Institute of Measurement and Testing Technology
Address	No.19, Jiantashan Road, Kexuecheng, Guangzhou, Guangdong, China
Applicant	CCQS Certification Services Limited
Address	Rm 505, Taiji Building, No. 211, Beisihuanzhonglu Haidian District, Beijing (100083), P.R.China
Information of samples	
Product	Solar Eclipse Glasses
Brand name	JAXY®
Model No.	WGP01, WGD07
Manufacturer / Vendor	JAXY OPTICAL INSTRUMENT CO.,LTD.
Address	3rd/F, No.13Building, Xuefeng West Road, Beiyuan SI-Park, Yiwu City, Zhejiang, China
Quantity submitted	7 pcs. (WGP01: 3 pcs., WGD07: 4 pcs.)
Date	
Date of receipt	2025-12-26
Period of testing	2025-12-26 to 2026-01-07
Date of issue	2026-01-08
Environmental condition	
Temperature	（21.2～22.0） ℃
Relative humidity	（48～50） %
Test requested	EN ISO 12312-2:2015
Test method	EN ISO 12312-2:2015
Results	Please refer to the following pages.
Conclusion	Please refer to the following pages.

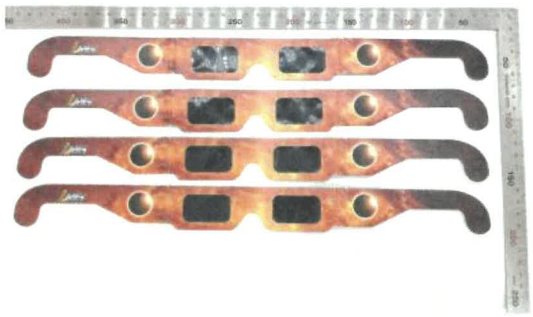
——See next page——

广州计量检测技术研究院 检验检测专用章

主管： 李育豪 审核： 李洲 主检： 曹文才

TEST REPORTS

Information

Description of samples	Photo of samples
Model: WGP01 Sample 1-1 Sample 1-2 Sample 1-3	
Model: WGD07 Sample 2-1 Sample 2-2 Sample 2-3 Sample 2-4	

Comment:

EN ISO 12312-2:2015
Eye and face protection — Sunglasses and related eyewear — Part 2: Filters for direct observation of the sun

Clause	Requirement	Result
4.1	Transmittance	
4.1.1	General (luminous transmittance and solar infrared transmittance)	Pass
4.1.2	Uniformity of luminous transmittance	Pass
4.2	Material and surface quality	Pass
4.3	Mountiong	
4.3.1	General	Pass
4.3.2	Dimensions	Pass
4.3.3	Material quality	Pass

——See next page——

主管：李育豪 审核：李一洲 主检：曹文才

TEST RESULTS

EN ISO 12312-2:2015
Eye and face protection — Sunglasses and related eyewear
—Part 2: Filters for direct observation of the sun

4.1 Transmittance

4.1.1 Genaral

Test results of the submitted samples are showed as Table 1.

The transmittance requirements of filters are given in Table 2.

Table 1. Test results of the transmittance

Performance parameter	Sample	Measurement		Result (Pass/Fail)
		R	L	
Luminous transmittance (τ_V)	1-1	0.000481%	0.000412%	Pass
Solar UVA transmittance (τ_{SUVA})	1-1	0.000004%	0.000004%	Pass
Solar UVB transmittance (τ_{SUVB})	1-1	0.000011%	0.000002%	Pass
Solar infrared transmittance (τ_{SIR})	1-1	0.08%	0.07%	Pass

Note：#2 "R" means the right lens of the glasses and "L" means the left lens of the glasses.

Table 2. Transmittance requirements for filters for the direct observation of the sun

Maximum luminous transmittance (τ_V)	0.0032%
Minimum luminous transmittance (τ_V)	0.000061%
Maximum solar UVA transmittance (τ_{SUVA})	τ_V
Maximum solar UVB transmittance (τ_{SUVB})	τ_V
Maximum solar infrared transmittance (τ_{SIR})	3%

Result：Pass.

——See next page——

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TEST RESULTS

EN ISO 12312-2:2015
Eye and face protection — Sunglasses and related eyewear
—Part 2: Filters for direct observation of the sun

4.1.2 Uniformity of luminous transmittance

Test results of the submitted samples are showed as Table 3.

The relative difference in the luminous transmittance value between any two points of the filter shall not be greater than 10 % (relative to the higher value).

Table 3. Test results of the uniformity of luminous transmittance

Sample		Uniformity of luminous transmittance	Result (Pass/Fail)
Sample 1-1	R	5.20%	Pass
	L	4.37%	Pass

Result: Pass.

4.2 Material and surface quality

Except in a marginal area 5 mm wide, filters shall be free from defects likely to impair vision in use, such as bubbles, scratches, inclusions, dull spots, pitting, scouring, pocking, scaling, and undulations. Metal coated filter materials shall not exhibit more than one pinhole defect not greater than 200 μm in average diameter within any 5 mm diameter circular zone.

Test samples: 1-1, 1-2, 1-3, 2-1, 2-2, 2-3, 2-4
Result: Pass.

4.3 Mounting

4.3.1 General

Filters are held securely so that it cannot be dislodged by normal handling or by gusts of wind.

Test samples: 1-1, 2-1
Result: Pass.

4.3.2 Dimensions

Table 4. Test results of the dimensions

Sample	Overall dimensions		Triangular cut-away area		Result (Pass/Fail)
	Width	Depth	Apical height	Width	
Sample 1-1	143.60 mm	36.81 mm	14.47 mm	31.87 mm	Pass
Sample 2-1	143.41 mm	36.97 mm	14.37 mm	31.88 mm	Pass

Result: Pass.

——See next page——

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TEST RESULTS

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Table 5. Requiremernts of the dimensions

Overall dimensions		Triangular cut-away area	
Width	Depth	Apical height	Width
≥115 mm	≥35 mm	≤15 mm	≤35 mm

4.3.3 Material quality

The filter and mounting are free from roughness, sharp edges, projections, or other defects which could cause discomfort or injury during use. No part of the filter or mounting which is in contact with the wearer is made of materials which are known to cause any skin irritation.

Test samples: 1-1, 1-2, 1-3, 2-1, 2-2, 2-3, 2-4
Result: Pass.

——End of the report——

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