



TÜVRheinland®

DIN CERTCO

Genau. Richtig.

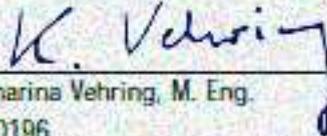


EU Type-Examination Certificate

Holder	SAVESTARS CONSULTING SL CALLE MAR ADRIATICO 3 28221 MAJADAHONDA SPAIN
Registration No.	C7643SSC/RO
Product	Filters for direct observation of the sun
Type, Model	Solar eclipse glasses (Jaxy Optical Instruments)
Testing basis	DIN EN ISO 12312-2:2015-11
Test reports/Test marks	13231-PZA-25
Marking of the product	Detailed marking see annex
Validity period	2026-01-19 to 2031-01-18
Conformity	DIN CERTCO confirms that the prototype complies with the essential health and safety requirements according to the Annex II of Regulation (EU) 2016/425 on personal protective equipment. This assessment was based on the test samples submitted by the manufacturer or authorised representative, the technical documentation and the test report of the test laboratory.

Any previous versions of this EU Type-Examination Certificate hereby cease to be valid.

Please see the annex for further information.

2026-01-19 
Dipl.-Biol. Katharina Vehring, M. Eng.
Notified Body 0196





ANNEX

Certificate C7643SSC/RO dated 2026-01-19

Manufacturer's Identification SSC

Marking of the product CE

Product specification
Ocular
Material: PET
Colour: Dark grey
Centre thickness: 0.1 mm

Frame
Material: Cardboard
Colour: Multicolour

Regulations/ Liabilities This EU Type-Examination Certificate is the property of DIN CERTCO and may be withdrawn if the conditions on which its issue was based are no longer met.

The information leaflet (instructions for use) for the specified eye protection product must be written in the official language of the country of destination and include, among other things, the following details of the Notified Body:

DIN CERTCO Gesellschaft für
Konformitätsbewertung mbH
Alboinstraße 56
12103 BERLIN
GERMANY

Identification number of the Notified Body: 0196

As far as possible, the product must be marked with a type, batch or serial number or other element allowing its identification.

As far as possible, the product must be marked with the name and postal address of the manufacturer or, if the manufacturer is not based in the European Economic Area, the name and contact address of an authorised representative or importer based in the European Economic Area.

The product or its packaging must be indelibly and unambiguously marked with the month and year of manufacture and/or the month and year of obsolescence.

It is not permitted to mark the product with the identification number 0196.





ANNEX

Certificate

C7643SSC/RO dated 2026-01-19

All changes to the product, the technical documentation or to the quality assurance system must be notified to DIN CERTCO in writing.

The General Terms and Conditions of DIN CERTCO apply.

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INFO@SAVESTARSCONSULTING.COM



Test Report

No. 1323-PZA-25
Rev. 0

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Accredited by the Deutsche
Akkreditierungsstelle GmbH (DAkkS)
D-PL-11125-01**Customer**SAVESTARS CONSULTING SL.
CALLE MAR ADRIATICO 3
28221 MAJADAHONDA
SPAIN**Production site:**Jaxy Optical Instruments
968-13-3, Xuefeng West Road
Beiyuan Street, Jinhua
322099 Zhejiang
China**Test report contains**

Main part and 1 annex

Number of pages

5

Product

Filters for direct observation of the sun

Arrival of samples

2025-06-27

Period of testing

2025-10-17 to 2025-12-02

Reference standard

DIN EN ISO 12312-2: 2015-11

Remarks

None

This test report relates to the mentioned test samples. Without the permission of the DIN CERTCO test centre Nürnberg this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any certification mark.

Nürnberg, 2025-12-02

Compiled by:

Nikita Beketov, M. Sc.
- Test Engineer -

Reviewed by:

Anke Kozaczek, B. Sc.
- Test Engineer -Dokument unterschrieben
von: TUEV Rheinland Service GmbH
am: 19.01.2026 06:20

Test objects, tests and results

Based on the tables as written in the standard DIN EN ISO 12312-2, the main part assigns the test samples to the named tests. Each individual test result is documented in the annex according to the named standards.

Signs and symbols:

- + meet the requirements
- **do not meet the requirements**
- / not tested or not applicable
- Ab interruption of the testing sequence

The uncertainty of optical measurements corresponds to the required one in DIN EN ISO 12311.

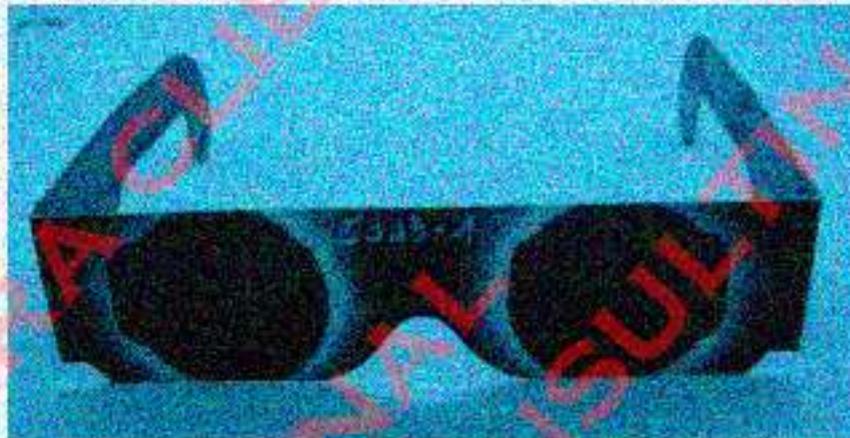
Unless stated otherwise, the measurements were carried out in the main viewing point of the samples and, in the case of lenses with corrective power, at the applicable reference point.

Detailed information about the measurement uncertainties are included in the separate document – overview of measurement uncertainties.pdf.

Unless otherwise specified, the ambient temperature for testing was maintained at $(23 \pm 5) ^\circ\text{C}$ and the relative humidity at $(50 \pm 20) \%$.

Samples and summary of all test results

Type:	Filters for direct observation of the sun, type "Solar eclipse glasses (Jaxy Optical Instruments)"
Test mark:	13231-PZA-25
Number of delivered parts: 3	Number of test samples: 2



Test- sequence	Requirements	According to		According to		Sample 5323-1 to 5323-2
		DIN EN ISO	Clause	DIN EN ISO	Clause	
1	Information and marking	1*	1*	1*	1*	+
2	Information and labelling	12312-2	5	12312-2	5	+
3	Mounting	12312-2	4.3	12312-2	4.3	+
4	Material and surface quality	12312-2	4.2	12312-2	4.2	+
5	Transmittance	12312-2	4.1	12311	7	+

Individual results of each test sample see annex 1

* Requirements and test according to PPE-Regulation (EU) 2016/425.

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ANNEX 1

Type:	Filters for direct observation of the sun, type "Solar eclipse glasses (Jaxy Optical Instruments)"
Test mark:	13231-PZA-25

Description of the type

Condition of the test item at delivery:	Undamaged		
Frame:	Marking:	User manual	
	Material:	Paper	
	Colour:	Multicoloured	
Oculars:	Material:	Plastics	
	Colour:	Dark grey	
	Centre thickness:	0.1 mm	
Test device for centre thickness: No. 9022813			

Information and labeling

Test ↓	Sample →	5323-1
Information and labelling (DIN EN ISO 12312-2):		Available and complete
Information ((EU) 2016/425):		Available and complete
Marking ((EU) 2016/425):		Available and complete

Labeling, mounting, material and surface quality

Test ↓	Sample →	5323-1			
Mounting	General requirements	+			
	overall dimensions	width:	145 mm	depth:	37 mm
	dimensions of cut away for crest of the nose	height:	14 mm	width	34 mm
	Material quality	+			
Material and surface quality		+			
Test device for dimensions: No. 9022805					

Type:	Filters for direct observation of the sun, type „Solar eclipse glasses (Jaxy Optical Instruments)“
Test mark:	13231-PZA-25

Transmittance

Test ↓	Sample →	5323-2 right	5323-2 left
Luminous transmittance τ_{v1} based on CIE source D65	%	0.00069	0.00066
Maximum value of solar UVB-transmittance $280 \text{ nm} \leq \tau_{\text{UVB}} \leq 315 \text{ nm}$		$\leq \tau_{v1}$	$\leq \tau_{v1}$
Maximum value of solar UVA-transmittance $315 \text{ nm} \leq \tau_{\text{UVA}} \leq 380 \text{ nm}$		$\leq \tau_{v1}$	$\leq \tau_{v1}$
Maximum value of solar IR transmittance $780 \text{ nm} \leq \tau_{\text{IR}} \leq 2000 \text{ nm}$		$\leq 3\%$	$\leq 3\%$
Uniformity of luminous transmittance	%	5.6	5.2
Test device for transmittance: No. 9022782 Test device for uniformity in transmittance: No. 9022771			

End of test report