

Test Report

No. CANEC2204065501

Date: 31 Mar 2022

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Client Name : BLUEVIEW ELEC-OPTIC TECH CO.,LTD

Client Address : NO.1000, SECTION 2, 2ND KONGGANG ROAD, SOUTHWEST AVIATION INDUSTRIAL DEVELOPMENT ZONE, CHENGDU, SICHUAN, CHINA

Sample Name : LED Strip

Model No. : FWS-X-X-X-X

The above sample(s) and information were provided by the client.

SGS Job No. : 10007904 - CQ

Date of Sample Received : 15 Mar 2022

Testing Period : 15 Mar 2022 - 26 Mar 2022

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

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Coral Qiu

Coral Qiu

Approved Signatory

scan to see the report



FFE4840F



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Chemical Laboratory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN22-040655.001	"LED Strip"

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

VOC

Test Method : SGS In house method - Tedlar bag method.

- (1) Determination of Formaldehyde, Acetaldehyde, Acrylaldehyde, Acetone by High Performance Liquid Chromatography (HPLC-DAD).
- (2) Determination of Benzene, Toluene, Xylenes, Ethylbenzene, Butylacetate, Styrene, 1,4-Dichlorobenzene, n-Undecane, n-Tetradecane & Total Volatile Organic Compounds (TVOC) emission by Thermodesorption System with Gas Chromatography Mass Spectrometry (TDS GC/MS).

Sample 001:

Sampling Condition :

Sample Size /weight	46.45g
Storage condition	-
Storage period	-
Capacity of bag used	10 L
Amount of N ₂ gas in the sealed bag	5 L
Heating temperature	40 °C
Test time	2 hr(s)
Collection rate (TENAX)	200 mL/min
Collection capacity(TENAX)	1 L
Collection rate (DNPH)	500 mL/min
Collection capacity (DNPH)	2 L
MDL(Aldehydes)	0.25 µg/sample
MDL(VOC)	0.05 µg/sample



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<u>Test Item(s)</u>	<u>Unit</u>	<u>MDL</u>	<u>Amount of volatilization from Part</u>
Formaldehyde	µg/sample	-	0.40
Acetaldehyde	µg/sample	-	ND
Acrylaldehyde	µg/sample	-	ND
Acetone	µg/sample	-	ND
Benzene	µg/sample	-	ND
Toluene	µg/sample	-	3.71
Xylene	µg/sample	-	0.79
Ethylbenzene	µg/sample	-	0.21
n-Butylacetate	µg/sample	-	0.08
Styrene	µg/sample	-	0.10
1,4-dichlorobenzene	µg/sample	-	ND
n-Undecane	µg/sample	-	0.38
n-Tetradecane	µg/sample	-	0.08
TVOC(C6~C16)	µg/sample	-	31.18



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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