Verification Report

No.: CANEC25003070201_1 **Date:** May 29, 2025

Client Name: SHENZHEN CHENGXING ELECTRONIC TECHNOLOGY CO LTD

Client Address: 1405-07, BLOCK A, JIAHE BUILDING, SHENNAN MIDDLE ROAD, HUAQIANGBEI STREET, FUTIAN DISTRICT, SHENZHEN

Sample Name:	RGB LED STRIP LIGHTS
Tested Basic Model No.:	RGB LED STRIP LIGHTS
Client Ref. Information:	See attachment
Manufacturer:	STELLAR FIRE
Supplier:	STELLAR FIRE

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

Tyler-Y Zhang
Approved Signatory

Scan to see the report

Photo of Submitted Sample

Verification Method(s):

1. With reference to IEC 62321-2:2021, disassembly and disjointment were performed for the submitted samples.
2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report.
   (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy.
   (2) Wet chemical test method: With reference to IEC 62321-4:2013+A1:2017, IEC62321-5:2013, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-12:2023, IEC 62321-6:2015 and IEC62321-8:2017 , analyzed by ICP-OES,UV-Vis and GC-MS.

Verification Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A2	CAN25-0030702-0001.C002	Black plastic part
SN2	A3	CAN25-0030702-0001.C003	Black plastic part
SN3	A4	CAN25-0030702-0001.C004	White plastic (heat shrinkable tube) with black printing
SN4	A5	CAN25-0030702-0001.C005	Silvery metal terminal
SN5	A6	CAN25-0030702-0001.C006	Silvery metal terminal
SN6	A7	CAN25-0030702-0001.C007	White plastic (wire insulation)
SN7	A8	CAN25-0030702-0001.C008	Green plastic (wire insulation)
SN8	A9	CAN25-0030702-0001.C009	Red plastic (wire insulation)

Verification Result(s):

Notes:

(1) Interpretation of screening results by X-ray fluorescence spectrometry (XRF):

(a) Screening limits in mg/kg for regulated elements in various matrices according to IEC 62321-3-1:2013 Annex A as below table.

Element	Polymers	Metals	Composite Materials
Cd	BL≤(70-3σ)<X<(130+3σ)≤OL	BL≤(70-3σ)<X<(130+3σ)≤OL	LOD<X<(150+3σ)≤OL
Pb	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(500-3σ)<X<(1500+3σ)≤OL
Hg	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(700-3σ)<X<(1300+3σ)≤OL	BL≤(500-3σ)<X<(1500+3σ)≤OL
Br	BL ≤ (300-3σ)< X	Not applicable	BL ≤ (250-3σ)< X
Cr	BL ≤ (700-3σ)< X	BL ≤ (700-3σ)< X	BL ≤ (500-3σ)< X

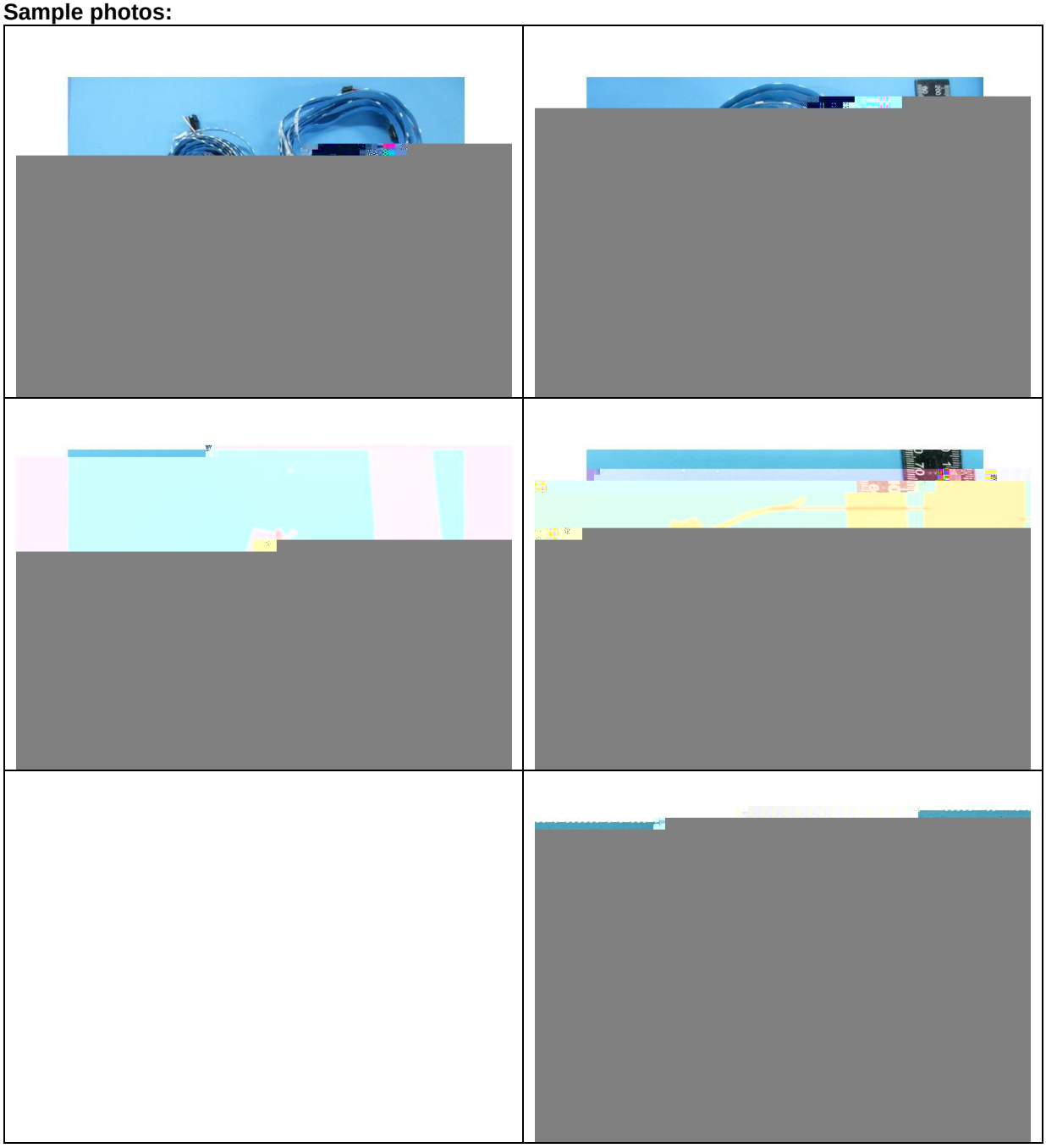
(b) If the maximum allowed level restricts PBB/PBDE and Cr(VI) rather than Br and Cr, the exceptions are the XRF determinations of Br and Cr. If the quantitative results for the elements Br and/or Cr are higher than the limit (for Br calculated based on the stoichiometry of Br in the most common congeners of PBB/PBDE), the sample is “inconclusive”.

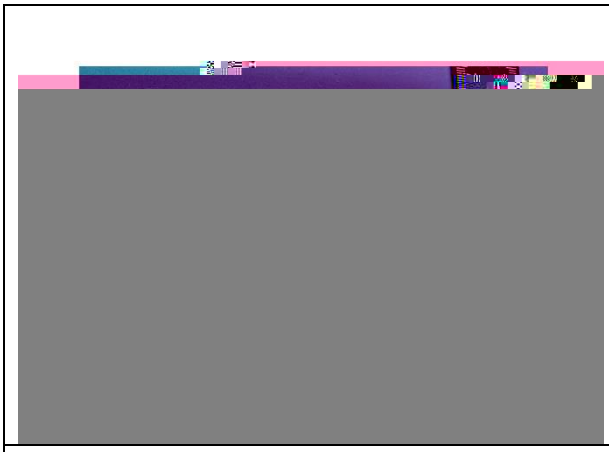
(c) Results are obtained by EDXRF for primary screening, LOD = Limit of Detection,

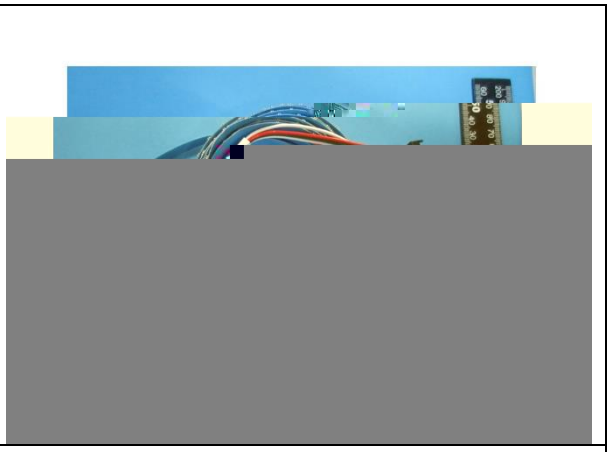
Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample aenut(l)5(t)- sate ofe tee

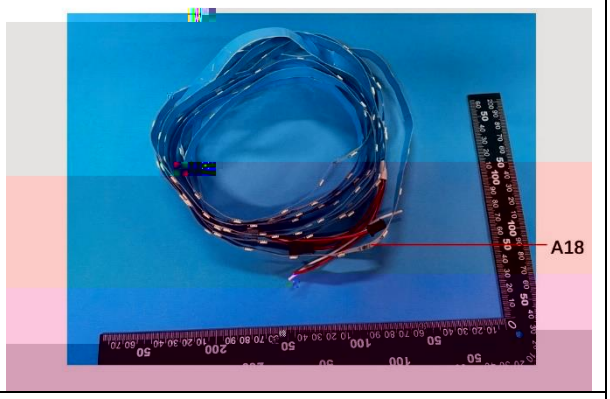
Attachment:
SF-30D5050RGB-WS2812B-IP20, SF-30D5050RGB-WS2812B-IP65,
SF-30D5050RGB-WS2812B-IP67, SF-60D5050RGB-WS2812B-IP20,
SF-60D5050RGB-WS2812B-IP65, SF-60D5050RGB-WS2812B-IP67,
SF-96D5050RGB-WS2812B-IP20, SF-96D5050RGB-WS2812B-IP65,
SF-96D5050RGB-WS2812B-IP67, SF-144D5050RGB-WS2812B-IP20,
SF-144D5050RGB-WS2812B-IP65, SF-144D5050RGB-WS2812B-IP67,
SF-30D5050RGB-WS2815B-IP20, SF-30D5050RGB-WS2815B-IP65,
SF-30D5050RGB-WS2815B-IP67, SF-60D5050RGB-WS2815B-IP9 733.3 141.74 19.8 reW* nBT/F1 9.96 Tf1 0 0 1 20

Sample photos:









SGS authenticate the photo on original report only
*** End of Report ***