



TEST REPORT

LAB NO. : (9325)227-0721
DATE : Nov 20, 2025
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APPLICANT : FOSHAN NANHAI YONGGU HARDWARE PRODUCTS CO., LTD
ROOM 2501-2504, JIANMEI EXHIBITION AND TRADE BUILDING, NO.1 YIXIAN ROAD, DALI TOWN, NANHAI DISTRICT, FOSHAN CITY, GUANGDONG PROVINCE, CHINA

CONTACT PERSON : /

DATE OF SUBMISSION : Aug 15, 2025

TEST PERIOD : Aug 15, 2025 to Aug 21, 2025

SAMPLE DESCRIPTION : Aluminum enclosure

Color: /

Style no. / Model no.: See the list

P.O. No.: /

Country of Origin: /

Country of Destination: /

BUYER : /

MANUFACTURER : /

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Compliance Test - European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863	PASS	

RW

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YG-J01-42.3W35H	YG-H01-25W25H	YG-C01A-1UQ3H3	YG-W01-64W23.5H	YG-M01-60W60H	YG-D01-269W2U	YG-GA01A-212W-1.5U
YG-J02-46.2W29.6H	YG-H02-50W21H	YG-C02A-1UQ5H3	YG-W02-64W25.5H	YG-M02-80W80H	YG-D02-269W3U	YG-GA02A-212W-2U
YG-J03-55W19H	YG-H03-52W34H	YG-C03A-1.5UQ3H3	YG-W03-66.2W27.5H	YG-M03-100W50H	YG-D03-269W4U	YG-GA03A-212W-115H
YG-J04-57W28H	YG-H04-52W38H	YG-C04A-2UQ5H3	YG-W04-80W1U	YG-M04-150W75H	YG-D04-375W2U	YG-GA04A-212W-3U
YG-J05-57.5W13H	YG-H05-56W30H	YG-C05A-2UQ3H3	YG-W05-106W55HQ8	YG-M05-200W75H	YG-D05-375W3U	YG-GA05A-278W-1.5U
YG-J06-58W24H	YG-H06-63W25H	YG-C06B-1UQ3H3	YG-W06-108W26HF6	YG-M06-75W40H	YG-D06-375W4U	YG-GA06A-278W-2U
YG-J07-61W22.4H	YG-H07-71W25.5H	YG-C07B-1.5UQ3H3	YG-W07-108W26HY6	YG-M07-90W45H	YG-D07-482W2U	YG-GA07A-278W-115H
YG-J08-63W37H	YG-H08-76W35H	YG-C08B-2UQ5H3	YG-W08-114W33HQ6	YG-M08-110W55H	YG-D08-482W3U	YG-GA08A-278W-3U
YG-J09-64W23.5H	YG-H09-76W46H	YG-C09B-2UQ3H3	YG-W09-125W51HQ8	YG-M09-125W60H	YG-D09-482W4U	YG-GA09A-358W-2U
YG-J10-64W25.5H	YG-H10-88W38H	YG-C10B-3UQ3H3	YG-W10-145W54HQ8	YG-M10-130W65H	YG-K01-70W35H	YG-GA10A-358W-115H
YG-J11-66W27H	YG-H11-90W36H	YG-C11C-1UQ3H3	YG-W11-145W68HQ8	YG-M11-180W70H	YG-K01-70W35H	YG-GA11A-358W-3U
YG-J12-66.2W27.5H	YG-H12-95W55H	YG-C12C-1.5UQ3H3	YG-W12-145W82HQ8	YG-M15-240-160	YG-K02-82W24H	YG-GA12A-358W-4U
YG-J13-67W30H	YG-H13-96W45.5H	YG-C13C-2UQ5H3	YG-W13A-150W1U	YG-M16-260-180	YG-K02-82W24H	YG-P05A-280-180.7
YG-J14-72.1W25.9H	YG-H14-97W40H	YG-C14C-2UQ3H3	YG-W14-152W44H	YG-A01-260W2U	YG-K03-100W26H	YG-P05B-265-180.7
YG-J15-70W21H	YG-H15-100W25.5H	YG-C15C-3UQ3H3	YG-W15-155W32HQ5	YG-A02-260W115H	YG-K03-100W26H	YG-P06A-462.8-180.7
YG-J16-74W29H	YG-H16-104.5W40H	YG-C16C-4UQ3.5H3.5	YG-W16-168W54HQ8	YG-A03-260W3U	YG-K04-110W30H	YG-P06B-448-180.7
YG-J17-75.8W24H	YG-H17-106W40H	YG-C17A-1UQ3H3	YG-W17A-180W1U	YG-A04-260W4U	YG-K04-110W30H	YG-P01-290.6-98.25
YG-J18-76W36H	YG-H18-106W54H	YG-C18A-2UQ5H5	YG-W17B-180W1U	YG-A05-370W2U	YG-K05-130W35	YG-P02-392.2-98.25
YG-J19-80W23.8H	YG-H19-106W55H	YG-C19A-3UQ5H5	YG-W18A-180W60HQ8	YG-A06-370W115H	YG-K05-130W35	YG-P03-473.5-98.25
YG-J20-80W35H	YG-H20-107W47H	YG-C20A-4UQ5H5	YG-W19A-133W48.8H	YG-A07-370W3U	YG-K06-88W38	YG-P04-290.6-142.7
YG-J21-80W45H	YG-H21-114W33H	YG-C21B-1UQ3H3	YG-W19B-180W1.5U	YG-A08-370W4U	YG-K07-106W40	YG-P05-392.2-142.7
YG-J22-82.8W28.8H	YG-H22-122W45H	YG-C22B-2UQ5H5	YG-W20A-180W2U	YG-A09-450W2U	YG-K18-125W51	YG-P06-473.5-142.7
YG-J23-82.9W23.4H	YG-H23-125W51H	YG-C23B-3UQ5H5	YG-W20B-180W2U	YG-A10-450W115H	YG-K09-152W44	YG-P07-290.6-187.2
YG-J24-84W28H	YG-H24-127W75H	YG-C24B-4UQ5H5	YG-W21A-190W60H	YG-A11-450W3U	YG-K10-168W54	YG-P08-392.2-187.2
YG-J25-90W35H	YG-H25-138W45H	YG-C25-1U	YG-W22A-190W1.5U	YG-A12-450W4U	YG-K11-66-30	YG-P09-473.5-187.2
YG-J26-97W40.5H	YG-H26-142W53.5H	YG-C26-2U	YG-W23B-226W1.5U	YG-B01-248W2U	YG-K12-75-35	YG-Q101-120-90
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YG-J30-129W29H	YG-H30-147W41H	YG-MJ04-138-45	YG-W26A-438W1U	YG-B05-358W2U	YG-K16-110-50	YG-Q202-240-180
YG-J31-143W31H	YG-H31-147W55H	YG-MJ05-169-52	YG-W26B-438W1U	YG-B06-358W115H	YG-K17-120-40	YG-Q203-280-200
YG-J32-155W32H	YG-H32-152W44H	YG-MH01-82-32	YG-W27A-438W2U	YG-B07-358W3U	YG-K18-130-55	YG-Q101A-120-90
YG-J33-196W91H	YG-H33-160W94H	YG-MH02-106-32	YG-W27B-438W2U	YG-B08-358W4U	YG-K19-140-50	YG-Q102A-150-120
YG-J34-240W45H	YG-H34-168W54H	YG-MH03-108-42	YG-W28-120W40H	YG-B09-438W2U	YG-K20-150-55	YG-Q103A-180-140
YG-J35-252W38H	YG-H35-194W61.5H	YG-MH04-138-45	YG-W29-143W40.4H	YG-B10-438W115H	YG-K21-160-55	YG-Q201A-220-160
YG-J36-120W46H	YG-H36-202W52H	YG-MH05-169-52	YG-W30-185W55H	YG-B11-438W3U	YG-K22-180-45	YG-Q202A-240-180
YG-J37-44W38H	YG-H37-204W48H	YG-J47-82-32	YG-L01-100W75L	YG-B12-438W4U	YG-K23-200-55	YG-Q203A-280-200
YG-J38-63W17.5H	YG-H38-234W80.6H	YG-J48-106-32	YG-L02-110W65L	YG-E01-4823W132H450	YG-G01-235W35H155	YG-Q101B-120-90



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YG-J39-68W16H	YG-H39-246W64H	YG-J49-108-42	YG-L03-120W75L	YG-E02-133.4W55H109	YG-G02-292W45H205	YG-Q102B-150-120
YG-J40-130W58H	YG-H40-250W73.5H	YG-J50-138-45	YG-L04-130W100L	YG-E03-208.4W71.5H189	YG-G03-246W55H215	YG-Q103B-180-140
YG-J41-136W68H	YG-H41-256W70.2H	YG-J51-169-52	YG-L05-140W85L	YG-E04-248.4W81.5H209	YG-G04-266W65H235	YG-Q201B-220-160
YG-J42-161W49.5H	YG-H42-19W33.5H	YG-H68-82-32	YG-L06-150W115L	YG-F01 268-2U	YG-G05-256W75H255	YG-Q202B-240-180
YG-J43-187W48H	YG-H43-38.1W15H	YG-H69-106-32	YG-L07-160W120L	YG-F02 268-110H	YG-G06-228.2W35H	YG-Q203B-280-200
YG-J44-99W20H	YG-H44-48W30H	YG-H70-108-42	YG-L08-170W125L	YG-F03 268-3U	YG-G07-215W52HF	
YG-J45-116W53H	YG-H45-55W24H	YG-H71-138-45	YG-L09-185W135L	YG-F04 268-4U	YG-G08-215W52HY	
	YG-H46-65W25H	YG-H72-169-52	YG-L10-200W150L	YG-F05 358-2U	YG-G09-269.3W56H	
	YG-H47-69.1W30.4H	YG-T01-64-58	YG-L11A-240-160	YG-F06 358-110H	YG-G10-437W44H	
	YG-H48-76W32H	YG-T02-80-57	YG-L11G-240-160	YG-F07 358-3U	YG-G11-437W2U	
	YG-H49-105W43.5	YG-T03-98-64	YG-L12A-260-180	YG-F08 358-4U	YG-G12-229W2U	
	YG-H50-133.5W49H	YG-T04-115-64	YG-L12G-260-180		YG-G13-337W2U	
	YG-H51-134.5W25.7H	YG-T05-125-80			YG-G14-445W2U	
	YG-H52-136W30H	YG-T06-150-64			YG-G15-229W3U	
	YG-H53-139W36H	YG-WP01-100-75			YG-G16-337W3U	
	YG-H54-140W45H	YG-WP02-150-110			YG-G17-445W3U	
	YG-H55-142W33.8H	YG-WP03-175-130				
	YG-H56-150W45H	YG-WP04-210-150				
	YG-H57-160W53H					
	YG-H58-250W54H					
	YG-H59-88W30H					
	YG-H60-240W85H					
	YG-H61-202W32H					

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD

Andy

ANDY WANG
OPERATION MANAGER



REMARK

If there are questions or concerns on this report, please contact the following persons:

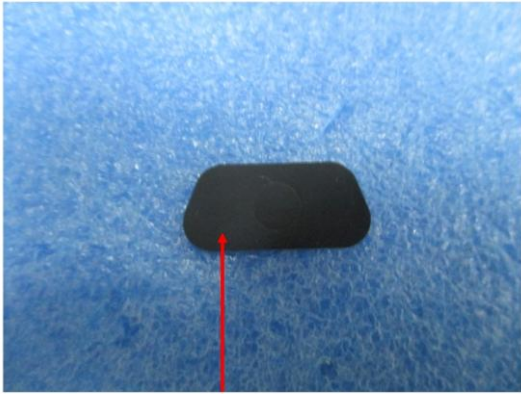
- a) GENERAL TEL: (86)755 83437287
FAX: (86)755 83439100
b) BUSINESS SZ TEL: (86)755 21534695
FAX: (86)755 83439100
BUSINESS GZ TEL: (86) 20 87148525
FAX: (86) 20 87148528

EMAIL: eechemical.sc@bureauveritas.com
WEBSITE: cps.bureauveritas.cn

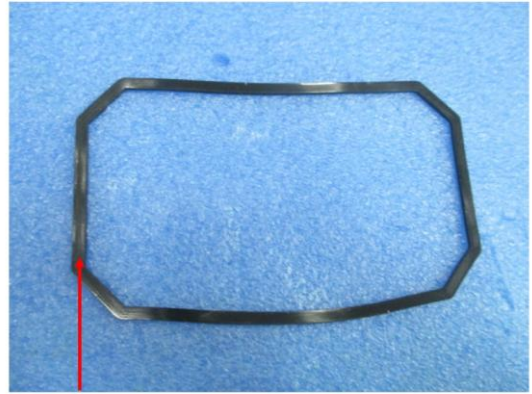
Photo of the Submitted Sample



Photograph of test item(s)



1



2



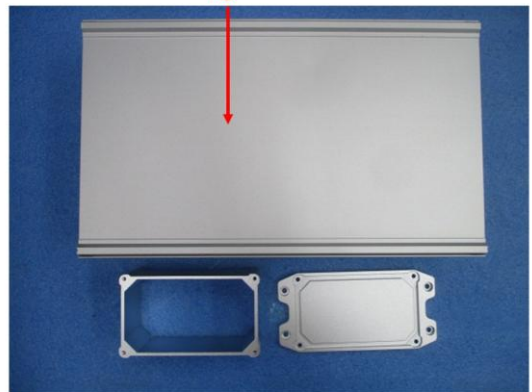
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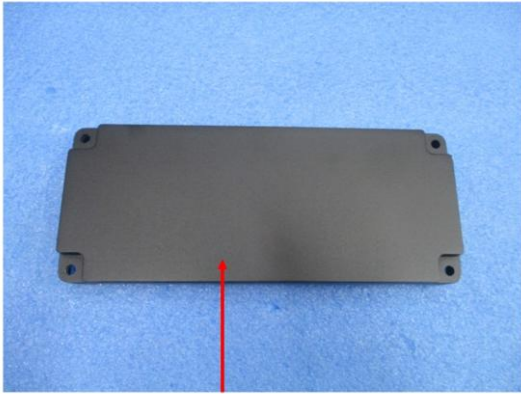
4



5



6



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TEST RESULT

Compliance Test - European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendments (EU) 2015/863

Test Method : See Appendix.

Test Item(s)	Item / Component Description(s) + Location(s)	Style(s)
1	Black rubber with adhesive (cushion)	-
2	Black rubber (seal ring)	-
3	Grey foam with adhesive (seal ring)	-
4	Dark silvery metal (screw)	-
5	Silvery metal (bracket)	-
6	Silvery metal (case)	-
7	Black coating (on cover)	-

See Analytes and their corresponding Maximum Allowable Limit in Appendix

-	Result						
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs	PBDEs	Conclusion
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	-	-	-	-	-	-	-
1	BL	BL	BL	BL	BL	BL	PASS
2	BL	BL	BL	BL	BL	BL	PASS
3	BL	BL	BL	BL	BL	BL	PASS
4	BL	BL	BL	Negative*	NA	NA	PASS
5	BL	BL	BL	Negative*	NA	NA	PASS
6	BL	BL	BL	Negative*	NA	NA	PASS
7	BL	BL	BL	BL	BL	BL	PASS

-	Result				
Parameter	DBP	BBP	DEHP	DIBP	Conclusion
Unit	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	-	-	-	-	-
1+2+3	ND	ND	ND	ND	PASS
7	ND	ND	ND	ND	PASS

Note / Key :

ND = Not detected

BL = Below Limit

NR = Not requested

Detection Limit: See Appendix.

“>” = Greater than

NA = Not applicable

mg/kg = milligram(s) per kilogram = ppm = part(s) per million

“<” = Less than

EX= Exempted

Remark :

- The testing approach is listed in table of Appendix.
- * denotes as reported result(s) was (were) performed by wet chemistry method. Others were screened by XRF. For XRF screening, the result(s) of Cr VI was (were) reported as total chromium and the result(s) of PBBs and PBDEs was (were) reported as total bromine. Also, the XRF result(s) may be different to the actual content based on various factors including, but not limit to, sample size, thickness, area, non-uniformity composition, surface flatness.
- Only selected example(s) is (are) indicated on the photograph(s) in Comment.



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- According to European Parliament and Council Directive 2011/65/EU, Article 5 “Adaptation of the Annexes to scientific and technical progress”, exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.



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APPENDIX

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit | Compliance Test for European Parliament and Council Directive 2011/65/EU with its Amendments (EU) 2015/863] :

No.	Name of Analyte(s)	Detection Limit (mg/kg)				Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF) ^[a]			Wet Chemistry	
		Plastic	Metallic / glass / ceramic	Others		
1	Lead (Pb)	100	200	200	10 ^[b]	1000
2	Cadmium (Cd)	50	50	50	10 ^[b]	100
3	Mercury (Hg)	100	200	200	10 ^[c]	1000
4	Chromium (Cr)	100	200	200	NA	NA
5	Chromium VI (Cr VI)	NA	NA	NA	3 ^[g, h] / 10 ^[d] / See ^[e, i]	1000 / Negative ^[i]
6	Bromine (Br)	200	NA	200	NA	NA
7	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	NA	NA	NA	Each 50 ^[f]	Sum 1000
8	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) -Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	NA	NA	NA	Each 50 ^[f]	Sum 1000
9	Dibutyl phthalate (DBP) Butyl benzyl phthalate (BBP) Di-2-ethylhexyl phthalate (DEHP) Diisobutyl phthalate (DIBP)	NA	NA	NA	Each 50 ^[j]	Each 1000

NA = Not applicable IEC = International Electrotechnical Commission

^[a] Test method with reference to International Standard IEC 62321-3-1: 2013.

^[b] Test method with reference to International Standard IEC 62321-5: 2013.

^[c] Test method with reference to International Standard IEC 62321-4: 2013+AMD1: 2017 CSV.

^[d] Polymers and Electronics - Test method with reference to International Standard IEC 62321-7-2: 2017.

^[e] Metal - Test method with reference to International Standard IEC 62321-7-1: 2015.

^[f] Test method with reference to International Standard IEC 62321-6: 2015.

^[g] Leather - Test method International Standard ISO 17075: 2017.

^[h] Other Than Metal, Leather, Polymers and Electronics - Test method with reference to International Standard ISO 17075: 2017.

^[i] Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).

^[j] Test method with reference International Standard IEC 62321-8: 2017.

Testing Approach | Compliance Test for European Parliament and Council Directive 2011/65/EU | :

The testing approach was with reference to the following document(s).

- 1 International Standards IEC 62321-1: 2013 and IEC 62321-2: 2021
- 2 "RoHS Enforcement Guidance Document Version 1" by EU RoHS Enforcement Authorities Informal Network. (May 2006)
- 3 "RoHS Regulations - Government Guidance Notes" by United Kingdom Department for Business Innovation & Skills. (February 2011)
- 4 "Final Report to RoHS substances (Hg, Pb, Cr(VI), Cd, PBB and PBDE) in electrical and electronic equipment in Belgium" by Belgium Federal Public Service Health, Food Chain Safety and Environment. (November 2005)

END