

TEST REPORT

Job No./Report No TR2328921

Date: 12 July 2023

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SİNBO KÜÇÜK EV ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ

YAKUPLU MAH. DEREBOYU CAD. NO:10 İÇ KAPI NO:1 BEYLİKDÜZÜ / İSTANBUL

TEL: 0549 807 18 97

To the attention of Murat Pelte

The following sample(s) was /were submitted and identified by/on behalf of the clients as:

Sample Submitted By : SİNBO KÜÇÜK EV ALETLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
Sample Description : See the following page.
Country of Destination : EUROPE
Brand Name : SİNBO
Model No. : STO-6697, STO-6725, STO-5003, STO-6726
Sample Receiving Date : 21 June 2023
Testing Period : 21 June 2023 ~ 12 July 2023
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s)
Test Result(s) : Please refer to next page(s)

Conclusion : Based on the performed tests on selected part of submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) comply with the limits as set by Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

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SGS applied shared risk decision rule.

SGS does not verify authenticity of any Brand/Trademark of products. Buyers must check if the product is genuine with the Brand/Trademark owner directly.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Unless further specified in an individual contract the sample(s) retention time is 30 days."

In this Test Report tests marked (1) are included in the TURKAK Accreditation Scope of this Laboratory.

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The test results relate to the tested items only.
Test reports without SGS seal and authorized signatures are invalid.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd
Kontrol Servisleri A.Ş.

RAVİYE MUTLU
Customer Services Supervisor

Bora Şirinbilek
Hardline & CPCH Testing Services Manager



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Test Part Description:

CONCLUSION

<u>Test Part Description:</u>	<u>CONCLUSION</u>
1	
1.1 White Plastic Lampshade head	PASS
1.2 Brown Wood Lampshade fixing wood	PASS
1.3 White Plastic Lampshade feet	PASS
1.4 White Plastic Lampshade lamp slot fixing apparatus	PASS
1.5 White Plastic Lampshade lamp slot fixing cover	PASS
1.6 White Plastic Lampshade lamp slot	PASS
1.7 Silver Metal Lampshade lamp slot fixing nut	PASS
1.8 Gold Metal Lampshade lamp slot conductive strip	PASS
1.9 Silver Metal Lampshade lamp slot conductive strip	PASS
1.10 White Plastic Lampshade on-off button	PASS
1.11 White Plastic Lampshade on-off button connection box	PASS
1.12 Gold Metal Lampshade on-off button socket	PASS
1.13 Gold Metal Lampshade on-off button conductive strip	PASS
1.14 White Plastic Lampshade plug main floor	PASS
1.15 White Plastic Lampshade plug inner floor	PASS
1.16 Silver Metal Lampshade plug conductive end	PASS
1.17 White Plastic Lampshade plug cable	PASS
1.18 Brown Plastic Lampshade plug cable	PASS
1.19 Blue Plastic Lampshade plug cable	PASS
1.20 Bronze Metal Lampshade plug cable wire	PASS
2	
2.1 White Plastic Shelf floor lamp head	PASS
2.2 Beige Plastic Shelf	PASS
2.3 Brown Wood Shelf floor lamp fixing wood	PASS
2.4 Brown Wood Shelf floor lamp fixing wood	PASS
2.5 Beige Plastic Shelf floor lamp feet	PASS
2.6 Black Plastic Lamp slot	PASS
2.7 Gold Metal Lamp slot fixing rivet	PASS
2.8 Black Plastic Lamp slot connection hopper	PASS
2.9 Black Plastic Lamp slot fixing cover	PASS
2.10 Silver Metal Lamp slot fixing nut	PASS
2.11 Silver Metal Lamp slot fixing nut	PASS
2.12 Silver Metal Lamp slot fixing nut screw	PASS
2.13 Black Plastic Lamp slot inner connection box	PASS
2.14 Silver Metal Lamp slot inner connection box screw	PASS
2.15 Gold Metal Lamp slot inner connection box screw slot	PASS
2.16 Gold Metal Lamp slot inner connection box conductive strip	PASS
2.17 Silver Metal Lamp slot inner connection box spring	PASS
2.18 White Plastic Lamp on-off button rope end cover	PASS
2.19 White Textile Lamp on-off button rope	PASS
2.20 White Plastic Lamp on-off button	PASS

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Test Part Description:

CONCLUSION

2.21	Black Plastic Lamp on-off button connection box	PASS
2.22	Silver Metal Lamp on-off button screw	PASS
2.23	Gold Metal Lamp on-off button screw slot	PASS
2.24	Gold Metal Lamp on-off button conductive wire	PASS
2.25	Gold Metal Lamp on-off button conductive strip	PASS
2.26	Gold Metal Lamp on-off button conductive strip	PASS
2.27	Gold Metal Lamp on-off button connection box fixing pin	PASS
2.28	Silver Metal Lamp on-off button spring	PASS
2.29	Black Plastic Lamp on-off button inner cover	PASS
2.30	Silver Metal Lamp on-off button inner cover spring	PASS
2.31	Cream Plastic Lamp plug main floor	PASS
2.32	Black Plastic Lamp plug inner floor	PASS
2.33	Silver Metal Lamp plug conductive end	PASS
2.34	White Plastic Lamp plug cable fixing apparatus	PASS
2.35	Cream Plastic Lamp plug cable	PASS
2.36	Brown Plastic Lamp plug cable	PASS
2.37	Blue Plastic Lamp plug cable	PASS
2.38	Bronze Metal Lamp plug cable inner wire	PASS
2.39	White Plastic Lamp plug cable fixing apparatus	PASS
2.40	White Sponge-Foam Lamp plug cable fixing apparatus back tape	PASS

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Test Item(s):	RESULTS		
	1.1	1.2	1.3
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (µg/cm ²) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
Monobromobiphenyl	ND	ND	ND
Dibromobiphenyl	ND	ND	ND
Tribromobiphenyl	ND	ND	ND
Tetrabromobiphenyl	ND	ND	ND
Pentabromobiphenyl	ND	ND	ND
Hexabromobiphenyl	ND	ND	ND
Heptabromobiphenyl	ND	ND	ND
Octabromobiphenyl	ND	ND	ND
Nonabromobiphenyl	ND	ND	ND
Decabromobiphenyl	ND	ND	ND
Sum of PBDEs	ND	ND	ND
Monobromodiphenyl ether	ND	ND	ND
Dibromodiphenyl ether	ND	ND	ND
Tribromodiphenyl ether	ND	ND	ND
Tetrabromodiphenyl ether	ND	ND	ND
Pentabromodiphenyl ether	ND	ND	ND
Hexabromodiphenyl ether	ND	ND	ND
Heptabromodiphenyl ether	ND	ND	ND
Octabromodiphenyl ether	ND	ND	ND
Nonabromodiphenyl ether	ND	ND	ND
Decabromodiphenyl ether	ND	ND	ND
Phthalates	ND	NA	ND
Dibutyl phthalate (DBP)	ND	NA	ND
Butyl benzyl phthalate (BBP)	ND	NA	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	NA	ND
Diisobutyl Phthalates (DIBP)	ND	NA	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm ² = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	1.4	1.5	1.6
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
Monobromobiphenyl	ND	ND	ND
Dibromobiphenyl	ND	ND	ND
Tribromobiphenyl	ND	ND	ND
Tetrabromobiphenyl	ND	ND	ND
Pentabromobiphenyl	ND	ND	ND
Hexabromobiphenyl	ND	ND	ND
Heptabromobiphenyl	ND	ND	ND
Octabromobiphenyl	ND	ND	ND
Nonabromobiphenyl	ND	ND	ND
Decabromobiphenyl	ND	ND	ND
Sum of PBDEs	ND	ND	ND
Monobromodiphenyl ether	ND	ND	ND
Dibromodiphenyl ether	ND	ND	ND
Tribromodiphenyl ether	ND	ND	ND
Tetrabromodiphenyl ether	ND	ND	ND
Pentabromodiphenyl ether	ND	ND	ND
Hexabromodiphenyl ether	ND	ND	ND
Heptabromodiphenyl ether	ND	ND	ND
Octabromodiphenyl ether	ND	ND	ND
Nonabromodiphenyl ether	ND	ND	ND
Decabromodiphenyl ether	ND	ND	ND
Phthalates	ND	ND	ND
Dibutyl phthalate (DBP)	ND	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
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Test Item(s):	RESULTS		
	1.7	1.8	1.9
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	NA	NA
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	ND	ND	ND
Flame Retardants			
Sum of PBBs	NA	NA	NA
Monobromobiphenyl	NA	NA	NA
Dibromobiphenyl	NA	NA	NA
Tribromobiphenyl	NA	NA	NA
Tetrabromobiphenyl	NA	NA	NA
Pentabromobiphenyl	NA	NA	NA
Hexabromobiphenyl	NA	NA	NA
Heptabromobiphenyl	NA	NA	NA
Octabromobiphenyl	NA	NA	NA
Nonabromobiphenyl	NA	NA	NA
Decabromobiphenyl	NA	NA	NA
Sum of PBDEs	NA	NA	NA
Monobromodiphenyl ether	NA	NA	NA
Dibromodiphenyl ether	NA	NA	NA
Tribromodiphenyl ether	NA	NA	NA
Tetrabromodiphenyl ether	NA	NA	NA
Pentabromodiphenyl ether	NA	NA	NA
Hexabromodiphenyl ether	NA	NA	NA
Heptabromodiphenyl ether	NA	NA	NA
Octabromodiphenyl ether	NA	NA	NA
Nonabromodiphenyl ether	NA	NA	NA
Decabromodiphenyl ether	NA	NA	NA
Phthalates	NA	NA	NA
Dibutyl phthalate (DBP)	NA	NA	NA
Butyl benzyl phthalate (BBP)	NA	NA	NA
Bis (2-ethylhexyl) phthalate (DEHP)	NA	NA	NA
Diisobutyl Phthalates (DIBP)	NA	NA	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
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Test Item(s):	RESULTS		
	<u>1.10</u>	<u>1.11</u>	<u>1.12</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	NA
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	ND
Flame Retardants			
Sum of PBBs	ND	ND	NA
Monobromobiphenyl	ND	ND	NA
Dibromobiphenyl	ND	ND	NA
Tribromobiphenyl	ND	ND	NA
Tetrabromobiphenyl	ND	ND	NA
Pentabromobiphenyl	ND	ND	NA
Hexabromobiphenyl	ND	ND	NA
Heptabromobiphenyl	ND	ND	NA
Octabromobiphenyl	ND	ND	NA
Nonabromobiphenyl	ND	ND	NA
Decabromobiphenyl	ND	ND	NA
Sum of PBDEs	ND	ND	NA
Monobromodiphenyl ether	ND	ND	NA
Dibromodiphenyl ether	ND	ND	NA
Tribromodiphenyl ether	ND	ND	NA
Tetrabromodiphenyl ether	ND	ND	NA
Pentabromodiphenyl ether	ND	ND	NA
Hexabromodiphenyl ether	ND	ND	NA
Heptabromodiphenyl ether	ND	ND	NA
Octabromodiphenyl ether	ND	ND	NA
Nonabromodiphenyl ether	ND	ND	NA
Decabromodiphenyl ether	ND	ND	NA
Phthalates	ND	ND	NA
Dibutyl phthalate (DBP)	ND	ND	NA
Butyl benzyl phthalate (BBP)	ND	ND	NA
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	NA
Diisobutyl Phthalates (DIBP)	ND	ND	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
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Test Item(s):	RESULTS		
	1.13	1.14	1.15
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	ND	NA	NA
Flame Retardants			
Sum of PBBs	NA	ND	ND
Monobromobiphenyl	NA	ND	ND
Dibromobiphenyl	NA	ND	ND
Tribromobiphenyl	NA	ND	ND
Tetrabromobiphenyl	NA	ND	ND
Pentabromobiphenyl	NA	ND	ND
Hexabromobiphenyl	NA	ND	ND
Heptabromobiphenyl	NA	ND	ND
Octabromobiphenyl	NA	ND	ND
Nonabromobiphenyl	NA	ND	ND
Decabromobiphenyl	NA	ND	ND
Sum of PBDEs	NA	ND	ND
Monobromodiphenyl ether	NA	ND	ND
Dibromodiphenyl ether	NA	ND	ND
Tribromodiphenyl ether	NA	ND	ND
Tetrabromodiphenyl ether	NA	ND	ND
Pentabromodiphenyl ether	NA	ND	ND
Hexabromodiphenyl ether	NA	ND	ND
Heptabromodiphenyl ether	NA	ND	ND
Octabromodiphenyl ether	NA	ND	ND
Nonabromodiphenyl ether	NA	ND	ND
Decabromodiphenyl ether	NA	ND	ND
Phthalates	NA	ND	ND
Dibutyl phthalate (DBP)	NA	ND	ND
Butyl benzyl phthalate (BBP)	NA	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	NA	ND	ND
Diisobutyl Phthalates (DIBP)	NA	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
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Test Item(s):	RESULTS		
	1.16	1.17	1.18
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	ND	NA	NA
Flame Retardants			
Sum of PBBs	NA	ND	ND
Monobromobiphenyl	NA	ND	ND
Dibromobiphenyl	NA	ND	ND
Tribromobiphenyl	NA	ND	ND
Tetrabromobiphenyl	NA	ND	ND
Pentabromobiphenyl	NA	ND	ND
Hexabromobiphenyl	NA	ND	ND
Heptabromobiphenyl	NA	ND	ND
Octabromobiphenyl	NA	ND	ND
Nonabromobiphenyl	NA	ND	ND
Decabromobiphenyl	NA	ND	ND
Sum of PBDEs	NA	ND	ND
Monobromodiphenyl ether	NA	ND	ND
Dibromodiphenyl ether	NA	ND	ND
Tribromodiphenyl ether	NA	ND	ND
Tetrabromodiphenyl ether	NA	ND	ND
Pentabromodiphenyl ether	NA	ND	ND
Hexabromodiphenyl ether	NA	ND	ND
Heptabromodiphenyl ether	NA	ND	ND
Octabromodiphenyl ether	NA	ND	ND
Nonabromodiphenyl ether	NA	ND	ND
Decabromodiphenyl ether	NA	ND	ND
Phthalates	NA	ND	ND
Dibutyl phthalate (DBP)	NA	ND	ND
Butyl benzyl phthalate (BBP)	NA	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	NA	ND	ND
Diisobutyl Phthalates (DIBP)	NA	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
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	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
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Test Item(s):	RESULTS	
	1.19	1.20
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	ND
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	NA
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	ND
Flame Retardants		
Sum of PBBs	ND	NA
Monobromobiphenyl	ND	NA
Dibromobiphenyl	ND	NA
Tribromobiphenyl	ND	NA
Tetrabromobiphenyl	ND	NA
Pentabromobiphenyl	ND	NA
Hexabromobiphenyl	ND	NA
Heptabromobiphenyl	ND	NA
Octabromobiphenyl	ND	NA
Nonabromobiphenyl	ND	NA
Decabromobiphenyl	ND	NA
Sum of PBDEs	ND	NA
Monobromodiphenyl ether	ND	NA
Dibromodiphenyl ether	ND	NA
Tribromodiphenyl ether	ND	NA
Tetrabromodiphenyl ether	ND	NA
Pentabromodiphenyl ether	ND	NA
Hexabromodiphenyl ether	ND	NA
Heptabromodiphenyl ether	ND	NA
Octabromodiphenyl ether	ND	NA
Nonabromodiphenyl ether	ND	NA
Decabromodiphenyl ether	ND	NA
Phthalates	ND	NA
Dibutyl phthalate (DBP)	ND	NA
Butyl benzyl phthalate (BBP)	ND	NA
Bis (2-ethylhexyl) phthalate (DEHP)	ND	NA
Diisobutyl Phthalates (DIBP)	ND	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
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Test Item(s):	RESULTS		
	2.1	2.2	2.3
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
Monobromobiphenyl	ND	ND	ND
Dibromobiphenyl	ND	ND	ND
Tribromobiphenyl	ND	ND	ND
Tetrabromobiphenyl	ND	ND	ND
Pentabromobiphenyl	ND	ND	ND
Hexabromobiphenyl	ND	ND	ND
Heptabromobiphenyl	ND	ND	ND
Octabromobiphenyl	ND	ND	ND
Nonabromobiphenyl	ND	ND	ND
Decabromobiphenyl	ND	ND	ND
Sum of PBDEs	ND	ND	ND
Monobromodiphenyl ether	ND	ND	ND
Dibromodiphenyl ether	ND	ND	ND
Tribromodiphenyl ether	ND	ND	ND
Tetrabromodiphenyl ether	ND	ND	ND
Pentabromodiphenyl ether	ND	ND	ND
Hexabromodiphenyl ether	ND	ND	ND
Heptabromodiphenyl ether	ND	ND	ND
Octabromodiphenyl ether	ND	ND	ND
Nonabromodiphenyl ether	ND	ND	ND
Decabromodiphenyl ether	ND	ND	ND
Phthalates	ND	ND	NA
Dibutyl phthalate (DBP)	ND	ND	NA
Butyl benzyl phthalate (BBP)	ND	ND	NA
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	NA
Diisobutyl Phthalates (DIBP)	ND	ND	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
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Test Item(s):	RESULTS		
	<u>2.4</u>	<u>2.5</u>	<u>2.6</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
Monobromobiphenyl	ND	ND	ND
Dibromobiphenyl	ND	ND	ND
Tribromobiphenyl	ND	ND	ND
Tetrabromobiphenyl	ND	ND	ND
Pentabromobiphenyl	ND	ND	ND
Hexabromobiphenyl	ND	ND	ND
Heptabromobiphenyl	ND	ND	ND
Octabromobiphenyl	ND	ND	ND
Nonabromobiphenyl	ND	ND	ND
Decabromobiphenyl	ND	ND	ND
Sum of PBDEs	ND	ND	ND
Monobromodiphenyl ether	ND	ND	ND
Dibromodiphenyl ether	ND	ND	ND
Tribromodiphenyl ether	ND	ND	ND
Tetrabromodiphenyl ether	ND	ND	ND
Pentabromodiphenyl ether	ND	ND	ND
Hexabromodiphenyl ether	ND	ND	ND
Heptabromodiphenyl ether	ND	ND	ND
Octabromodiphenyl ether	ND	ND	ND
Nonabromodiphenyl ether	ND	ND	ND
Decabromodiphenyl ether	ND	ND	ND
Phthalates	NA	ND	ND
Dibutyl phthalate (DBP)	NA	ND	ND
Butyl benzyl phthalate (BBP)	NA	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	NA	ND	ND
Diisobutyl Phthalates (DIBP)	NA	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	<u>2.7</u>	<u>2.8</u>	<u>2.9</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	ND	NA	NA
Flame Retardants			
Sum of PBBs	NA	ND	ND
Monobromobiphenyl	NA	ND	ND
Dibromobiphenyl	NA	ND	ND
Tribromobiphenyl	NA	ND	ND
Tetrabromobiphenyl	NA	ND	ND
Pentabromobiphenyl	NA	ND	ND
Hexabromobiphenyl	NA	ND	ND
Heptabromobiphenyl	NA	ND	ND
Octabromobiphenyl	NA	ND	ND
Nonabromobiphenyl	NA	ND	ND
Decabromobiphenyl	NA	ND	ND
Sum of PBDEs	NA	ND	ND
Monobromodiphenyl ether	NA	ND	ND
Dibromodiphenyl ether	NA	ND	ND
Tribromodiphenyl ether	NA	ND	ND
Tetrabromodiphenyl ether	NA	ND	ND
Pentabromodiphenyl ether	NA	ND	ND
Hexabromodiphenyl ether	NA	ND	ND
Heptabromodiphenyl ether	NA	ND	ND
Octabromodiphenyl ether	NA	ND	ND
Nonabromodiphenyl ether	NA	ND	ND
Decabromodiphenyl ether	NA	ND	ND
Phthalates	NA	ND	ND
Dibutyl phthalate (DBP)	NA	ND	ND
Butyl benzyl phthalate (BBP)	NA	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	NA	ND	ND
Diisobutyl Phthalates (DIBP)	NA	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	<u>2.10</u>	<u>2.11</u>	<u>2.12</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	NA	NA
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	ND	ND	ND
Flame Retardants			
Sum of PBBs	NA	NA	NA
Monobromobiphenyl	NA	NA	NA
Dibromobiphenyl	NA	NA	NA
Tribromobiphenyl	NA	NA	NA
Tetrabromobiphenyl	NA	NA	NA
Pentabromobiphenyl	NA	NA	NA
Hexabromobiphenyl	NA	NA	NA
Heptabromobiphenyl	NA	NA	NA
Octabromobiphenyl	NA	NA	NA
Nonabromobiphenyl	NA	NA	NA
Decabromobiphenyl	NA	NA	NA
Sum of PBDEs	NA	NA	NA
Monobromodiphenyl ether	NA	NA	NA
Dibromodiphenyl ether	NA	NA	NA
Tribromodiphenyl ether	NA	NA	NA
Tetrabromodiphenyl ether	NA	NA	NA
Pentabromodiphenyl ether	NA	NA	NA
Hexabromodiphenyl ether	NA	NA	NA
Heptabromodiphenyl ether	NA	NA	NA
Octabromodiphenyl ether	NA	NA	NA
Nonabromodiphenyl ether	NA	NA	NA
Decabromodiphenyl ether	NA	NA	NA
Phthalates	NA	NA	NA
Dibutyl phthalate (DBP)	NA	NA	NA
Butyl benzyl phthalate (BBP)	NA	NA	NA
Bis (2-ethylhexyl) phthalate (DEHP)	NA	NA	NA
Diisobutyl Phthalates (DIBP)	NA	NA	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	2.13	2.14	2.15
Cadmium (Cd)	ND	ND	24 ppm
Lead (Pb)	ND	ND	30876 ppm*
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	NA	NA
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	ND	ND
Flame Retardants			
Sum of PBBs	ND	NA	NA
Monobromobiphenyl	ND	NA	NA
Dibromobiphenyl	ND	NA	NA
Tribromobiphenyl	ND	NA	NA
Tetrabromobiphenyl	ND	NA	NA
Pentabromobiphenyl	ND	NA	NA
Hexabromobiphenyl	ND	NA	NA
Heptabromobiphenyl	ND	NA	NA
Octabromobiphenyl	ND	NA	NA
Nonabromobiphenyl	ND	NA	NA
Decabromobiphenyl	ND	NA	NA
Sum of PBDEs	ND	NA	NA
Monobromodiphenyl ether	ND	NA	NA
Dibromodiphenyl ether	ND	NA	NA
Tribromodiphenyl ether	ND	NA	NA
Tetrabromodiphenyl ether	ND	NA	NA
Pentabromodiphenyl ether	ND	NA	NA
Hexabromodiphenyl ether	ND	NA	NA
Heptabromodiphenyl ether	ND	NA	NA
Octabromodiphenyl ether	ND	NA	NA
Nonabromodiphenyl ether	ND	NA	NA
Decabromodiphenyl ether	ND	NA	NA
Phthalates	ND	NA	NA
Dibutyl phthalate (DBP)	ND	NA	NA
Butyl benzyl phthalate (BBP)	ND	NA	NA
Bis (2-ethylhexyl) phthalate (DEHP)	ND	NA	NA
Diisobutyl Phthalates (DIBP)	ND	NA	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		
	* Lead RoHS limit for brass item is 40000 ppm.		

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Test Item(s):	RESULTS		
	<u>2.16</u>	<u>2.17</u>	<u>2.18</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	NA	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	ND	ND	NA
Flame Retardants			
Sum of PBBs	NA	NA	ND
Monobromobiphenyl	NA	NA	ND
Dibromobiphenyl	NA	NA	ND
Tribromobiphenyl	NA	NA	ND
Tetrabromobiphenyl	NA	NA	ND
Pentabromobiphenyl	NA	NA	ND
Hexabromobiphenyl	NA	NA	ND
Heptabromobiphenyl	NA	NA	ND
Octabromobiphenyl	NA	NA	ND
Nonabromobiphenyl	NA	NA	ND
Decabromobiphenyl	NA	NA	ND
Sum of PBDEs	NA	NA	ND
Monobromodiphenyl ether	NA	NA	ND
Dibromodiphenyl ether	NA	NA	ND
Tribromodiphenyl ether	NA	NA	ND
Tetrabromodiphenyl ether	NA	NA	ND
Pentabromodiphenyl ether	NA	NA	ND
Hexabromodiphenyl ether	NA	NA	ND
Heptabromodiphenyl ether	NA	NA	ND
Octabromodiphenyl ether	NA	NA	ND
Nonabromodiphenyl ether	NA	NA	ND
Decabromodiphenyl ether	NA	NA	ND
Phthalates	NA	NA	ND
Dibutyl phthalate (DBP)	NA	NA	ND
Butyl benzyl phthalate (BBP)	NA	NA	ND
Bis (2-ethylhexyl) phthalate (DEHP)	NA	NA	ND
Diisobutyl Phthalates (DIBP)	NA	NA	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	<u>2.19</u>	<u>2.20</u>	<u>2.21</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
Monobromobiphenyl	ND	ND	ND
Dibromobiphenyl	ND	ND	ND
Tribromobiphenyl	ND	ND	ND
Tetrabromobiphenyl	ND	ND	ND
Pentabromobiphenyl	ND	ND	ND
Hexabromobiphenyl	ND	ND	ND
Heptabromobiphenyl	ND	ND	ND
Octabromobiphenyl	ND	ND	ND
Nonabromobiphenyl	ND	ND	ND
Decabromobiphenyl	ND	ND	ND
Sum of PBDEs	ND	ND	ND
Monobromodiphenyl ether	ND	ND	ND
Dibromodiphenyl ether	ND	ND	ND
Tribromodiphenyl ether	ND	ND	ND
Tetrabromodiphenyl ether	ND	ND	ND
Pentabromodiphenyl ether	ND	ND	ND
Hexabromodiphenyl ether	ND	ND	ND
Heptabromodiphenyl ether	ND	ND	ND
Octabromodiphenyl ether	ND	ND	ND
Nonabromodiphenyl ether	ND	ND	ND
Decabromodiphenyl ether	ND	ND	ND
Phthalates	NA	ND	ND
Dibutyl phthalate (DBP)	NA	ND	ND
Butyl benzyl phthalate (BBP)	NA	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	NA	ND	ND
Diisobutyl Phthalates (DIBP)	NA	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	<u>2.22</u>	<u>2.23</u>	<u>2.24</u>
Cadmium (Cd)	ND	24 ppm	ND
Lead (Pb)	ND	30531 ppm*	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	NA	NA
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	ND	ND	ND
Flame Retardants			
Sum of PBBs	NA	NA	NA
Monobromobiphenyl	NA	NA	NA
Dibromobiphenyl	NA	NA	NA
Tribromobiphenyl	NA	NA	NA
Tetrabromobiphenyl	NA	NA	NA
Pentabromobiphenyl	NA	NA	NA
Hexabromobiphenyl	NA	NA	NA
Heptabromobiphenyl	NA	NA	NA
Octabromobiphenyl	NA	NA	NA
Nonabromobiphenyl	NA	NA	NA
Decabromobiphenyl	NA	NA	NA
Sum of PBDEs	NA	NA	NA
Monobromodiphenyl ether	NA	NA	NA
Dibromodiphenyl ether	NA	NA	NA
Tribromodiphenyl ether	NA	NA	NA
Tetrabromodiphenyl ether	NA	NA	NA
Pentabromodiphenyl ether	NA	NA	NA
Hexabromodiphenyl ether	NA	NA	NA
Heptabromodiphenyl ether	NA	NA	NA
Octabromodiphenyl ether	NA	NA	NA
Nonabromodiphenyl ether	NA	NA	NA
Decabromodiphenyl ether	NA	NA	NA
Phthalates	NA	NA	NA
Dibutyl phthalate (DBP)	NA	NA	NA
Butyl benzyl phthalate (BBP)	NA	NA	NA
Bis (2-ethylhexyl) phthalate (DEHP)	NA	NA	NA
Diisobutyl Phthalates (DIBP)	NA	NA	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		
	* Lead RoHS limit for brass item is 40000 ppm.		

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Test Item(s):	RESULTS		
	<u>2.25</u>	<u>2.26</u>	<u>2.27</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	NA	NA
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	ND	ND	ND
Flame Retardants			
Sum of PBBs	NA	NA	NA
Monobromobiphenyl	NA	NA	NA
Dibromobiphenyl	NA	NA	NA
Tribromobiphenyl	NA	NA	NA
Tetrabromobiphenyl	NA	NA	NA
Pentabromobiphenyl	NA	NA	NA
Hexabromobiphenyl	NA	NA	NA
Heptabromobiphenyl	NA	NA	NA
Octabromobiphenyl	NA	NA	NA
Nonabromobiphenyl	NA	NA	NA
Decabromobiphenyl	NA	NA	NA
Sum of PBDEs	NA	NA	NA
Monobromodiphenyl ether	NA	NA	NA
Dibromodiphenyl ether	NA	NA	NA
Tribromodiphenyl ether	NA	NA	NA
Tetrabromodiphenyl ether	NA	NA	NA
Pentabromodiphenyl ether	NA	NA	NA
Hexabromodiphenyl ether	NA	NA	NA
Heptabromodiphenyl ether	NA	NA	NA
Octabromodiphenyl ether	NA	NA	NA
Nonabromodiphenyl ether	NA	NA	NA
Decabromodiphenyl ether	NA	NA	NA
Phthalates	NA	NA	NA
Dibutyl phthalate (DBP)	NA	NA	NA
Butyl benzyl phthalate (BBP)	NA	NA	NA
Bis (2-ethylhexyl) phthalate (DEHP)	NA	NA	NA
Diisobutyl Phthalates (DIBP)	NA	NA	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	<u>2.28</u>	<u>2.29</u>	<u>2.30</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	ND	NA
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	ND	NA	ND
Flame Retardants			
Sum of PBBs	NA	ND	NA
Monobromobiphenyl	NA	ND	NA
Dibromobiphenyl	NA	ND	NA
Tribromobiphenyl	NA	ND	NA
Tetrabromobiphenyl	NA	ND	NA
Pentabromobiphenyl	NA	ND	NA
Hexabromobiphenyl	NA	ND	NA
Heptabromobiphenyl	NA	ND	NA
Octabromobiphenyl	NA	ND	NA
Nonabromobiphenyl	NA	ND	NA
Decabromobiphenyl	NA	ND	NA
Sum of PBDEs	NA	ND	NA
Monobromodiphenyl ether	NA	ND	NA
Dibromodiphenyl ether	NA	ND	NA
Tribromodiphenyl ether	NA	ND	NA
Tetrabromodiphenyl ether	NA	ND	NA
Pentabromodiphenyl ether	NA	ND	NA
Hexabromodiphenyl ether	NA	ND	NA
Heptabromodiphenyl ether	NA	ND	NA
Octabromodiphenyl ether	NA	ND	NA
Nonabromodiphenyl ether	NA	ND	NA
Decabromodiphenyl ether	NA	ND	NA
Phthalates	NA	ND	NA
Dibutyl phthalate (DBP)	NA	ND	NA
Butyl benzyl phthalate (BBP)	NA	ND	NA
Bis (2-ethylhexyl) phthalate (DEHP)	NA	ND	NA
Diisobutyl Phthalates (DIBP)	NA	ND	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	<u>2.31</u>	<u>2.32</u>	<u>2.33</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	NA
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	ND
Flame Retardants			
Sum of PBBs	ND	ND	NA
Monobromobiphenyl	ND	ND	NA
Dibromobiphenyl	ND	ND	NA
Tribromobiphenyl	ND	ND	NA
Tetrabromobiphenyl	ND	ND	NA
Pentabromobiphenyl	ND	ND	NA
Hexabromobiphenyl	ND	ND	NA
Heptabromobiphenyl	ND	ND	NA
Octabromobiphenyl	ND	ND	NA
Nonabromobiphenyl	ND	ND	NA
Decabromobiphenyl	ND	ND	NA
Sum of PBDEs	ND	ND	NA
Monobromodiphenyl ether	ND	ND	NA
Dibromodiphenyl ether	ND	ND	NA
Tribromodiphenyl ether	ND	ND	NA
Tetrabromodiphenyl ether	ND	ND	NA
Pentabromodiphenyl ether	ND	ND	NA
Hexabromodiphenyl ether	ND	ND	NA
Heptabromodiphenyl ether	ND	ND	NA
Octabromodiphenyl ether	ND	ND	NA
Nonabromodiphenyl ether	ND	ND	NA
Decabromodiphenyl ether	ND	ND	NA
Phthalates	ND	ND	NA
Dibutyl phthalate (DBP)	ND	ND	NA
Butyl benzyl phthalate (BBP)	ND	ND	NA
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	NA
Diisobutyl Phthalates (DIBP)	ND	ND	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	<u>2.34</u>	<u>2.35</u>	<u>2.36</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	NA	NA
Flame Retardants			
Sum of PBBs	ND	ND	ND
Monobromobiphenyl	ND	ND	ND
Dibromobiphenyl	ND	ND	ND
Tribromobiphenyl	ND	ND	ND
Tetrabromobiphenyl	ND	ND	ND
Pentabromobiphenyl	ND	ND	ND
Hexabromobiphenyl	ND	ND	ND
Heptabromobiphenyl	ND	ND	ND
Octabromobiphenyl	ND	ND	ND
Nonabromobiphenyl	ND	ND	ND
Decabromobiphenyl	ND	ND	ND
Sum of PBDEs	ND	ND	ND
Monobromodiphenyl ether	ND	ND	ND
Dibromodiphenyl ether	ND	ND	ND
Tribromodiphenyl ether	ND	ND	ND
Tetrabromodiphenyl ether	ND	ND	ND
Pentabromodiphenyl ether	ND	ND	ND
Hexabromodiphenyl ether	ND	ND	ND
Heptabromodiphenyl ether	ND	ND	ND
Octabromodiphenyl ether	ND	ND	ND
Nonabromodiphenyl ether	ND	ND	ND
Decabromodiphenyl ether	ND	ND	ND
Phthalates	ND	ND	ND
Dibutyl phthalate (DBP)	ND	ND	ND
Butyl benzyl phthalate (BBP)	ND	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	ND	ND
Diisobutyl Phthalates (DIBP)	ND	ND	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS		
	<u>2.37</u>	<u>2.38</u>	<u>2.39</u>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	ND	ND	ND
Mercury (Hg)	ND	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND	NA	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA	ND	NA
Flame Retardants			
Sum of PBBs	ND	NA	ND
Monobromobiphenyl	ND	NA	ND
Dibromobiphenyl	ND	NA	ND
Tribromobiphenyl	ND	NA	ND
Tetrabromobiphenyl	ND	NA	ND
Pentabromobiphenyl	ND	NA	ND
Hexabromobiphenyl	ND	NA	ND
Heptabromobiphenyl	ND	NA	ND
Octabromobiphenyl	ND	NA	ND
Nonabromobiphenyl	ND	NA	ND
Decabromobiphenyl	ND	NA	ND
Sum of PBDEs	ND	NA	ND
Monobromodiphenyl ether	ND	NA	ND
Dibromodiphenyl ether	ND	NA	ND
Tribromodiphenyl ether	ND	NA	ND
Tetrabromodiphenyl ether	ND	NA	ND
Pentabromodiphenyl ether	ND	NA	ND
Hexabromodiphenyl ether	ND	NA	ND
Heptabromodiphenyl ether	ND	NA	ND
Octabromodiphenyl ether	ND	NA	ND
Nonabromodiphenyl ether	ND	NA	ND
Decabromodiphenyl ether	ND	NA	ND
Phthalates	ND	NA	ND
Dibutyl phthalate (DBP)	ND	NA	ND
Butyl benzyl phthalate (BBP)	ND	NA	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND	NA	ND
Diisobutyl Phthalates (DIBP)	ND	NA	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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Test Item(s):	RESULTS
	<u>2.40</u>
Cadmium (Cd)	ND
Lead (Pb)	ND
Mercury (Hg)	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	ND
Hexavalent Chromium (Cr(VI)) ($\mu\text{g}/\text{cm}^2$) (for metal)	NA
Flame Retardants	
Sum of PBBs	ND
Monobromobiphenyl	ND
Dibromobiphenyl	ND
Tribromobiphenyl	ND
Tetrabromobiphenyl	ND
Pentabromobiphenyl	ND
Hexabromobiphenyl	ND
Heptabromobiphenyl	ND
Octabromobiphenyl	ND
Nonabromobiphenyl	ND
Decabromobiphenyl	ND
Sum of PBDEs	ND
Monobromodiphenyl ether	ND
Dibromodiphenyl ether	ND
Tribromodiphenyl ether	ND
Tetrabromodiphenyl ether	ND
Pentabromodiphenyl ether	ND
Hexabromodiphenyl ether	ND
Heptabromodiphenyl ether	ND
Octabromodiphenyl ether	ND
Nonabromodiphenyl ether	ND
Decabromodiphenyl ether	ND
Phthalates	ND
Dibutyl phthalate (DBP)	ND
Butyl benzyl phthalate (BBP)	ND
Bis (2-ethylhexyl) phthalate (DEHP)	ND
Diisobutyl Phthalates (DIBP)	ND

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	$\mu\text{g}/\text{cm}^2$ = Microgram per square centimeter		
	mg/kg with 50 cm ² = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

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SUBSTANCE	LIMITS	
Cadmium (Cd)Content	0.01 % (100 ppm)	
Lead (Pb) Content	0.1 % (1000 ppm)	
Mercury (Hg) Content	0.1 % (1000 ppm)	
Chromium VI (Cr+6)Content(ppm)(for non metal)	0.1 % (1000 ppm)	
Chromium VI (Cr+6)Content($\mu\text{g}/\text{cm}^2$)for metal)	Colorimetric result < 0.10 $\mu\text{g}/\text{cm}^2$ ≥ 0.10 $\mu\text{g}/\text{cm}^2$ and ≤ 0.13 $\mu\text{g}/\text{cm}^2$ > 0.13 $\mu\text{g}/\text{cm}^2$	Qualitative Result Negative Inconclusive Positive
PBB	0.1 % (1000 ppm)	
PBBDE	0.1 % (1000 ppm)	
Dibutyl Phthalate (DBP)	0.1 % (1000 ppm)	
Benzyl Butyl Phthalate (BBP)	0.1 % (1000 ppm)	
Diethyl Hexyl Phthalate (DEHP)	0.1 % (1000 ppm)	
Diisobutyl Phthalate (DIBP)	0.1 % (1000 ppm)	

Testing Item	Testing Method	MDL
Cadmium (Cd)Content	With reference to IEC 62321-5:2013, determination of Cadmium by ICP-MS/ICP-OES. ¹	2 ppm
Lead (Pb)Content	With reference to IEC 62321-5:2013, determination of Lead by ICP-MS/ICP-OES. ¹	2 ppm
Mercury (Hg)Content	With reference to IEC 62321-4:2013+A1:2017, determination of Mercury by ICP-MS/ICP-OES. ¹	2 ppm
Chromium VI (Cr6+) (For non-metal)	With reference to IEC 62321-7-2:2017, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis. ¹	8 ppm
Chromium VI (Cr6+) (For metal)	With reference to IEC 62321-7-1:2015, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis. ¹	0.1 $\mu\text{g}/\text{cm}^2$ with 50 cm^2 (IN TESTING SOLUTION)
PBBs/PBDEs	With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS. ¹	5 ppm
Phthalates	With reference to IEC 62321-8:2017, determination of phthalates by GC-MS. ¹	50 ppm

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Notes:

- (1) **The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863. IEC 62321 series is equivalent to EN 62321 series**
http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25
- (2) **On 4 June 2015, [Commission Directive \(EU\) 2015/863](#) was published in the Official Journal of the European Union (OJEU) to include the phthalates BBP, DBP, DEHP and DIBP into ANNEX II of the Rohs Recast Directive. The new law restricts each phthalate to no more than 0.1% in each homogeneous material of an electrical product.**
- (3) **The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.**
- (4) **The restriction of DEHP, BBP, DBP and DIBP shall not apply to cables or spare parts for the repair, the reuse, the updating of functionalities or upgrading of capacity of EEE placed on the market before 22 July 2019, and of medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, placed on the market before 22 July 2021.**
- (5) **The restriction of DEHP, BBP and DBP shall not apply to toys which are already subject to the restriction of DEHP, BBP and DBP through entry 51 of Annex XVII to Regulation (EC) No 1907/2006.**

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1.1



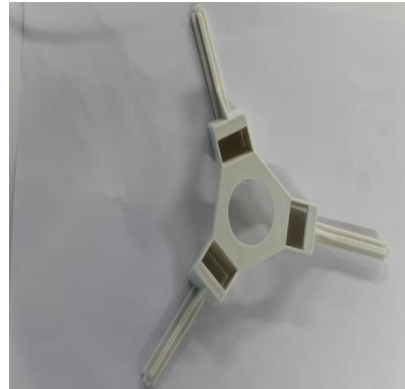
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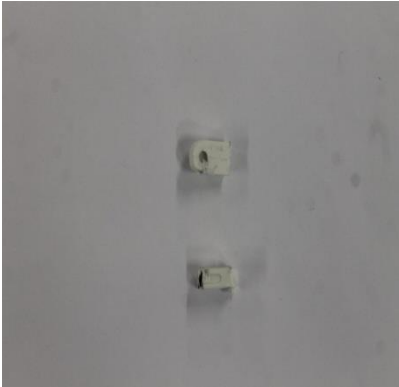
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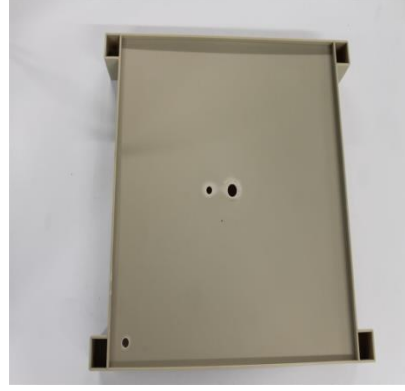
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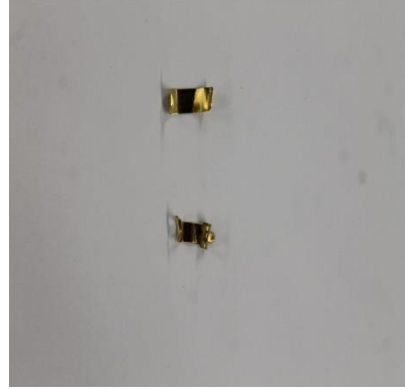
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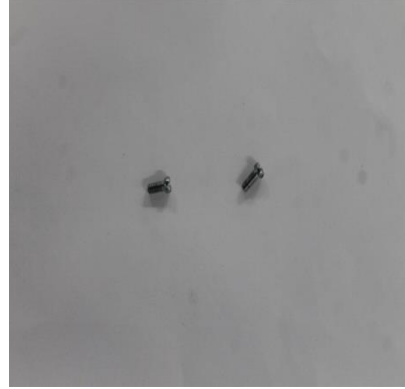
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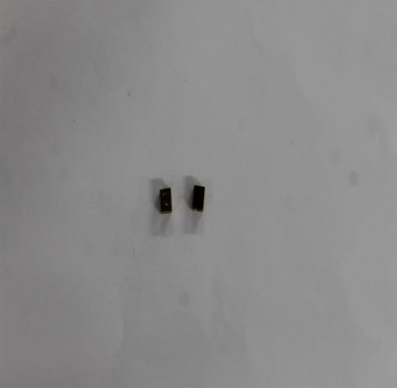
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End of Test Report

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