

**TEST REPORT** Job No./Report No TR1978701

Date: 18 August 2021 Page 1 of 7

**OTRİCA ELEKTRONİK BİLİŞİM SANAYİ VE DIŞ TİCARET ANONİM ŞİRKETİ**ŞERİFALİ MAH. TÜRKER CAD. NO:15/1 ÜMRANIYE / İSTANBUL  
TEL: 0216 393 32 32**To the attention of Mert Coşar**

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

Sample Submitted By : OTRİCA ELEKTRONİK BİLİŞİM SANAYİ VE DIŞ TİCARET ANONİM ŞİRKETİ  
Sample Description : See the following page.  
Model No. : OTRİCA VH 510X PRO  
Sample Receiving Date : 13 August 2021  
Testing Period : 13 August 2021 ~ 18 August 2021  
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 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.

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**TEST REPORT** Job No./Report No TR1978701

Date:18 August 2021

Page 2 of 7

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.

Mert Kurtuluş  
Customer Services Supervisor

Bora Şirinbilek  
Hardline & CPCH Testing Services Manager



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**Test Part Description:**
**CONCLUSION**

<b>1</b>	<b>OTRİCA OZONE GENERATOR</b>	
<b>1.1</b>	Red Metal Coated Main	<b>PASS</b>
<b>1.2</b>	Silver Metal Big Screw	<b>PASS</b>
<b>1.3</b>	Silver Metal Small Screw	<b>PASS</b>
<b>1.4</b>	Gold Metal Ring	<b>PASS</b>
<b>1.5</b>	Gold Metal Thin Ring	<b>PASS</b>

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**TEST REPORT**

Job No./Report No TR1978701

Date:18 August 2021

Page 4 of 7

<b>Test Item(s):</b>	<b>RESULTS</b>		
	<b>1.1</b>	<b>1.2</b>	<b>1.3</b>
Cadmium (Cd)	ND	ND	ND
Lead (Pb)	79 ppm	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			
<b>Sum of PBBs</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
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
<b>Sum of PBDEs</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
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
<b>Phthalates</b>			
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 $\text{cm}^2$ = Milligram per kilogram with 50 square centimetre		
	ND = Not detected (<MDL)	NA = Not applicable	NR = Not requested
	MDL = Method Detection Limit		

**TEST REPORT**

Job No./Report No TR1978701

Date:18 August 2021

Page 5 of 7

<b>Test Item(s):</b>	<b>RESULTS</b>	
	<b>1.4</b>	<b>1.5</b>
Cadmium (Cd)	ND	ND
Lead (Pb)	ND	37500 ppm*
Mercury (Hg)	ND	ND
Hexavalent Chromium (Cr(VI)) (ppm) (for non metal)	NA	NA
Hexavalent Chromium (Cr(VI)) (µg/cm <sup>2</sup> ) (for metal)	ND	ND
Flame Retardants		
<b>Sum of PBBs</b>	<b>NA</b>	<b>NA</b>
Monobromobiphenyl	NA	NA
Dibromobiphenyl	NA	NA
Tribromobiphenyl	NA	NA
Tetrabromobiphenyl	NA	NA
Pentabromobiphenyl	NA	NA
Hexabromobiphenyl	NA	NA
Heptabromobiphenyl	NA	NA
Octabromobiphenyl	NA	NA
Nonabromobiphenyl	NA	NA
Decabromobiphenyl	NA	NA
<b>Sum of PBDEs</b>	<b>NA</b>	<b>NA</b>
Monobromodiphenyl ether	NA	NA
Dibromodiphenyl ether	NA	NA
Tribromodiphenyl ether	NA	NA
Tetrabromodiphenyl ether	NA	NA
Pentabromodiphenyl ether	NA	NA
Hexabromodiphenyl ether	NA	NA
Heptabromodiphenyl ether	NA	NA
Octabromodiphenyl ether	NA	NA
Nonabromodiphenyl ether	NA	NA
Decabromodiphenyl ether	NA	NA
<b>Phthalates</b>		
Dibutyl phthalate (DBP)	NA	NA
Butyl benzyl phthalate (BBP)	NA	NA
Bis (2-ethylhexyl) phthalate (DEHP)	NA	NA
Diisobutyl Phthalates (DIBP)	NA	NA

Remarks :	ppm = Parts per million based on dry weight of sample (1 mg/kg = 0.0001%)		
	µg/cm <sup>2</sup> = Microgram per square centimeter		
	mg/kg with 50 cm <sup>2</sup> = 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.		

**TEST REPORT**

Job No./Report No TR1978701

Date:18 August 2021

Page 6 of 7

SUBSTANCE	LIMITS	
Cadmium (Cd)Content	0.01 % (100 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 $\mu\text{g}/\text{cm}^2$ $\geq 0.10 \mu\text{g}/\text{cm}^2$ and $\leq 0.13 \mu\text{g}/\text{cm}^2$ > 0.13 $\mu\text{g}/\text{cm}^2$	Qualitative Result Negative Inconclusive Positive
Lead (Pb) Content	0.1 % (1000 ppm)	
Mercury (Hg) Content	0.1 % (1000 ppm)	
PBB	0.1 % (1000 ppm)	
PBBDE	0.1 % (1000 ppm)	
Dibutyl Phthalate (DBP)	0.1 % (1000 ppm)	
Diethyl Hexyl Phthalate (DEHP)	0.1 % (1000 ppm)	
Benzyl Butyl Phthalate (BBP)	0.1 % (1000 ppm)	
Diisobutyl Phthalate (DIBP)	0.1 % (1000 ppm)	

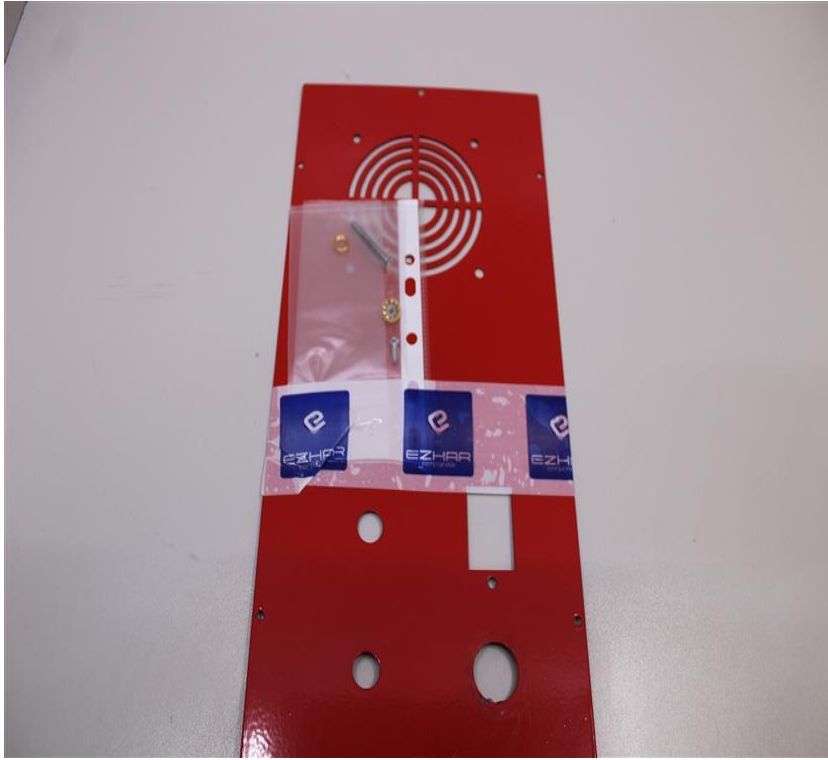
Testing Item	Testing Method	MDL
Cadmium (Cd)Content	With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.	2 ppm
Lead (Pb)Content	With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.	2 ppm
Mercury (Hg)Content	With reference to IEC 62321-4:2013+A1:2017, determination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

**TEST REPORT**

Job No./Report No TR1978701

Date:18 August 2021

Page 7 of 7

**1978701**

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End of Test Report

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