



TEST REPORT

Report Number: (6223)291-0194

October 27, 2023

Date Received: October 16, 2023

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Blues Inc.
50 Harbor St; Manchester, MA 01944 United States

Sample Description: NOTE-WBEXW, NOTE-NBNAW, NOTE-NBGLW, NOTE-WBNAW,NOTE-WBGLW

Test Period: October 16, 2023 to October 27, 2023

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Bureau of Standards Metrology and Inspection, MOEA. July 30, 2001 CNS 15663 "Guidelines to Reduction of the Restricted Chemical Substances in Electrical and Electronic Equipments"	PASS	-

REMARK

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

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BUREAU VERITAS CONSUMER PRODUCTS
SERVICES (H.K.) LIMITED, TAIWAN BRANCH

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Photo of the Submitted Sample



Sample



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TEST RESULT

**Compliance Test - Bureau of Standards Metrology and Inspection, MOEA. July 30, 2001 CNS 15663
"Guidelines to Reduction of the Restricted Chemical Substances in Electrical and Electronic
Equipments"**

Test Method : See Appendix.

Test Item(s)	Item / Component Description(s)
1.	White/ black ; Plastic
2.	White/ black ; Plastic
3.	Silvery ; Metals
4.	Silvery ; Metals
5.	Black ; Electronics
6.	Brown ; Electronics
7.	Black ; Electronics
8.	Brown ; Electronics
9.	Grey ; Electronics
10.	Black ; Electronics
11.	Grey ; Electronics
12.	Black ; Electronics
13.	Black ; Electronics
14.	Grey ; Electronics
15.	Black ; Electronics
16.	Grey ; Electronics
17.	Black ; Electronics
18.	Black ; Electronics
19.	Silvery ; Electronics
20.	Black ; Electronics
21.	Black ; Electronics
22.	Golden/ white ; Electronics
23.	Red/ white ; Electronics
24.	White ; Electronics
25.	Black ; Electronics
26.	Black ; Electronics
27.	Brown ; Electronics
28.	Grey ; Electronics
29.	Silvery ; Electronics
30.	Black ; Electronics
31.	Black ; Electronics
32.	Grey ; Electronics
33.	Blue ; Electronics
34.	Black ; Electronics
35.	Black ; Electronics
36.	Black ; Electronics
37.	Black ; Electronics
38.	Black ; Electronics
39.	Blue ; Electronics
40.	Black ; Electronics

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Compliance Test - Bureau of Standards Metrology and Inspection, MOEA. July 30, 2001 CNS 15663 "Guidelines to Reduction of the Restricted Chemical Substances in Electrical and Electronic Equipments"

See Analytes and their corresponding Maximum Allowable Limit in Appendix

Parameter	Result						Conclusion
	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI) [#]	PBBs	PBDEs	
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
1.	ND	ND	ND	ND	ND	ND	PASS
2.	ND	ND	ND	ND	ND	ND	PASS
3.	ND	ND	ND	Negative*	NA	NA	PASS
4.	ND	ND	ND	ND	NA	NA	PASS
5.	ND	ND	ND	ND	ND	ND	PASS
6.	ND	ND	ND	ND	ND	ND	PASS
7.	ND	ND	ND	ND	ND	ND	PASS
8.	ND	ND	ND	ND	ND	ND	PASS
9.	ND	ND	ND	ND	ND	ND	PASS
10.	ND	ND	ND	ND	ND	ND	PASS
11.	ND	ND	ND	ND	ND	ND	PASS
12.	ND	ND	ND	ND	ND	ND	PASS
13.	ND	ND	ND	ND	ND	ND	PASS
14.	ND	ND	ND	ND	ND	ND	PASS
15.	ND	ND	ND	ND	ND	ND	PASS
16.	ND	ND	ND	ND	ND	ND	PASS
17.	ND	ND	ND	ND	ND	ND	PASS
18.	ND	ND	ND	ND	ND	ND	PASS
19.	ND	ND	ND	ND	ND	ND	PASS
20.	ND	ND	ND	ND	ND	ND	PASS
21.	ND	ND	ND	ND	ND	ND	PASS
22.	ND	ND	ND	ND	ND	ND	PASS
23.	ND	ND	ND	ND	ND	ND	PASS
24.	ND	ND	ND	ND	ND	ND	PASS
25.	ND	ND	ND	ND	ND	ND	PASS
26.	ND	ND	ND	ND	ND	ND	PASS
27.	ND	ND	ND	ND	ND	ND	PASS
28.	ND	ND	ND	ND	ND	ND	PASS
29.	ND	ND	ND	ND	ND	ND	PASS
30.	ND	ND	ND	ND	ND	ND	PASS
31.	ND	ND	ND	ND	ND	ND	PASS
32.	ND	ND	ND	ND	ND	ND	PASS
33.	ND	ND	ND	ND	ND	ND	PASS
34.	ND	ND	ND	ND	ND	ND	PASS
35.	ND	ND	ND	ND	ND	ND	PASS
36.	ND	ND	ND	ND	ND	ND	PASS
37.	ND	ND	ND	ND	ND	ND	PASS

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Compliance Test - Bureau of Standards Metrology and Inspection, MOEA. July 30, 2001 CNS 15663 "Guidelines to Reduction of the Restricted Chemical Substances in Electrical and Electronic Equipments"

	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(s)	-	-	-	-	-	-	-
38.	ND	ND	ND	ND	ND	ND	PASS
39.	ND	ND	ND	ND	ND	ND	PASS
40.	ND	ND	ND	ND	ND*	ND*	PASS

Note / Key :

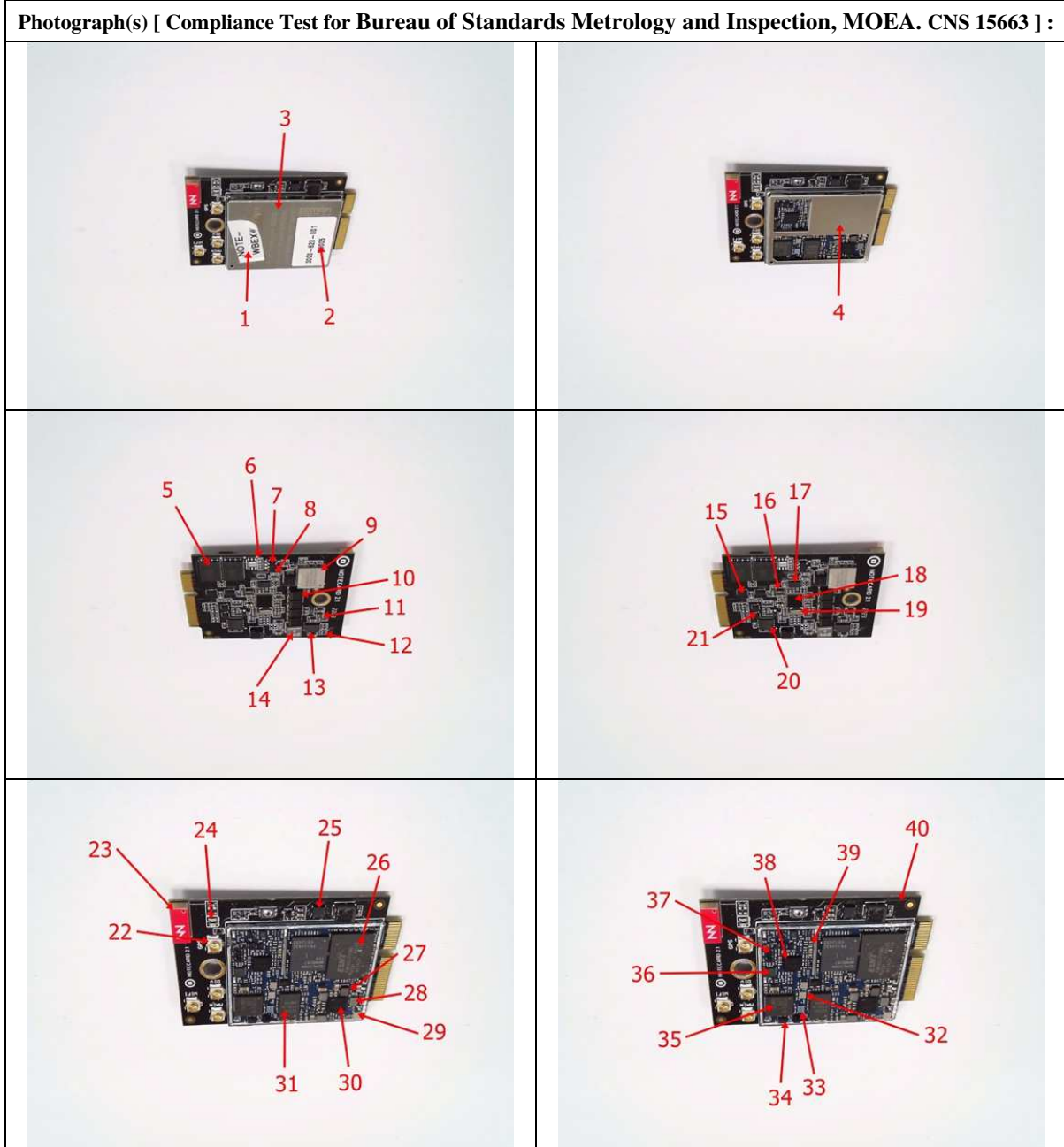
ND = Not detected
 mg/kg = milligram(s) per kilogram = ppm = part(s) per million
 Detection Limit : See Appendix.

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.
- # If the surface area of submitted sample is less than 25 cm², laboratory will reduce the volume of extraction solvent according to the actual area base on requirement. (The ratio of sample area and extraction solvent will be 1 cm² : 1 ml).
- According to CNS 15663 "Guidelines to Reduction of the Restricted Chemical Substances in Electrical and Electronic Equipments", exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes D (reference).

Comment:

Photograph(s) [Compliance Test for Bureau of Standards Metrology and Inspection, MOEA. CNS 15663] :



END

APPENDIX

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit [Compliance Test for Bureau of Standards Metrology and Inspection, MOEA. CNS 15663] :							
No.	Name of Analytes	Detection Limit (mg/kg)				Wet Chemistry	Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF) ^[a]					
		Plastic	Metallic / glass / ceramic	Others			
1	Lead (Pb)	100	200	200	10 ^[b]	1 000	
2	Cadmium (Cd)	50	50	50	10 ^[b]	100	
3	Mercury (Hg)	100	200	200	10 ^[c]	1 000	
4	Chromium (Cr)	100	200	200	NA	NA	
5	Chromium VI (Cr VI)	NA	NA	NA	3 ^[g, h] / 10 ^[d] / See ^[e, j]	1 000 / 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 1 000	
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 1 000	
NA = Not applicable Test method with reference to CNS 15050 (104/05/14).							



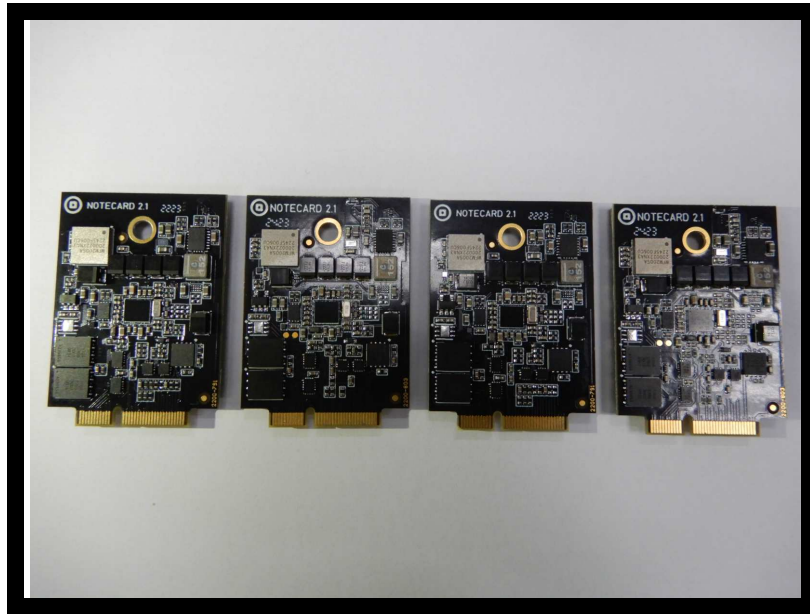
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APPENDIX



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