



BUREAU VERITAS

ALDI TEST REPORT

Pre-Production

Technical Report: (6622)306-1144

January 17, 2023

Date Received: January 17, 2023

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Sample Description: Sample(s) received is/are stated to be:
A) <Raclette grill>

Color:	/	Style No(s):	WJ-K221
Order No.:	/	ALDI South Contract number:	/
Article No.:	/	IB testing number:	/
ALDI North Product Code:	/	ALDI North LIMS order number:	/
Age Grade:	/	Batch No.:	/
Vendor:	/	Product End Use:	/
Manufacturer:	/	Retest No.:	/
Buyer:	/	Supplier Reference:	/
Test Period:	/	Country of Origin:	/
Fiber Content:	/	Country of Destination:	Oversea Country
Care Instruction:	/	BV EE Ref. No.:	/
Production Phase:	Pre-production		
Pre-Production Report No:	/		

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION
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

REMARK

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

General enquiry and invoicing

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Technical enquiry

BUREAU VERITAS 检验检测专用章
CONSUMER PRODUCTS SERVICES DIVISION (SHANGHAI)

Laboratory Test Location:
No.368,Guangzhong Road, Zhuanqiao Town, Minhang, Shanghai
No.168,Guanghua Road, Zhuanqiao Town, Minhang, Shanghai

PREPARED BY : Ann

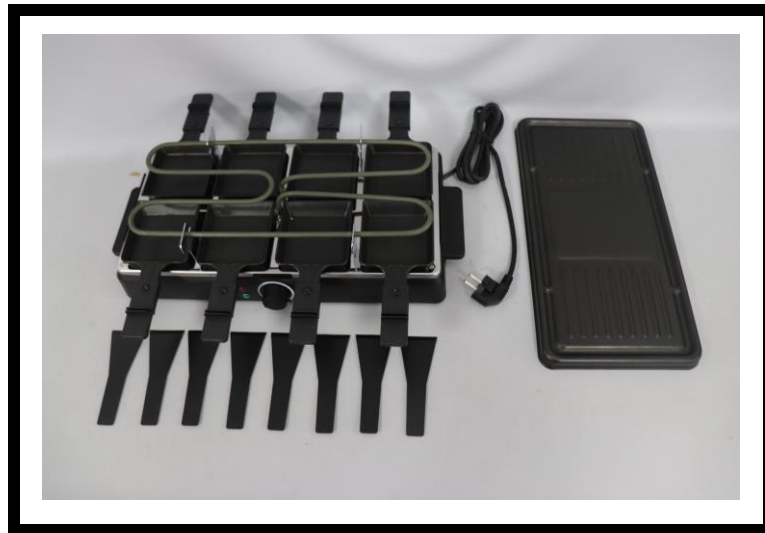
Gorden Yu
Lab Manager



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This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

Photo of the Submitted Sample





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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.

See Analytes and their corresponding Maximum Allowable Limit in Appendix

-			Result										
Parameter			Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	DBP	BBP	DEHP	DIBP	Conclusion	
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-	
Test Item	Description	Location	-	-	-	-	-	-	-	-	-	-	
1	Black plastic	Housing	ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS	
2	Silvery metal with black plating		ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	PASS
3	Black plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
4	Black plastic		ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	ND*	PASS
5	Silvery metal with black plating		ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	PASS
6	Silvery metal		ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	PASS
7	Yellow plastic		ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	ND*	PASS
8	White plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
9	Black plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
10	Black plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
11	Silvery metal		ND	ND	ND	Negative*	NA	NA	NA	NA	NA	NA	PASS
12	Silvery metal		ND	ND	ND	Negative*	NA	NA	NA	NA	NA	NA	PASS
13	Silvery metal		ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	PASS
14	Silvery metal		ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	PASS
15	Green plastic	Inside	ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS	
16	Red plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
17	Black plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
18	Black plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
19	White plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
20	White plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
21	Silvery metal		ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	PASS
22	Yellow fabric		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
23	Blue fabric		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
24	Transparent plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
25	White plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
26	Red fabric		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
27	White fabric		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS



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-			Result									
Parameter			Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs & PBDEs	DBP	BBP	DEHP	DIBP	Conclusion
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item	Description	Location	-	-	-	-	-	-	-	-	-	-
28	Transparent glass		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
29	Transparent plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
30	Golden metal		1.69x10 ⁴	ND	ND	ND	NA	NA	NA	NA	NA	EX [#]
31	White ceramic		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
32	Purple ceramic		ND	ND	ND	ND*	NA	NA	NA	NA	NA	PASS
33	Silvery metal		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
34	Coppery metal contact point with silvery plating	Inside	ND	1.25x10 ⁵	ND	ND	NA	NA	NA	NA	NA	EX [#]
35	Black plastic	Power cord	ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
36	Green and yellow plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
37	Brown plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
38	Blue plastic wire jacket		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
39	Black plastic		ND	ND	ND	ND	ND	ND*	ND*	ND*	ND*	PASS
40	Silvery metal		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS
41	White plastic		ND	ND	ND	ND	ND*	ND*	ND*	ND*	ND*	PASS
42	Silvery metal		ND	ND	ND	ND	NA	NA	NA	NA	NA	PASS



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Note / Key :

ND = Not detected

NR = Not requested

Detection Limit: See Appendix.

">" = Greater than

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

NA = Not applicable

"<" = Less than

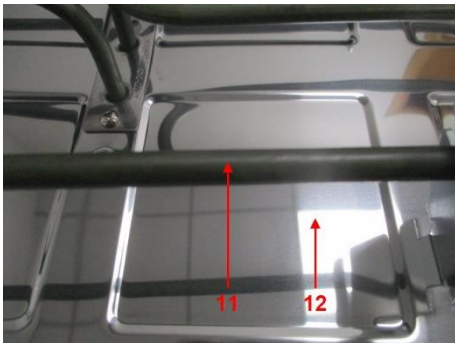
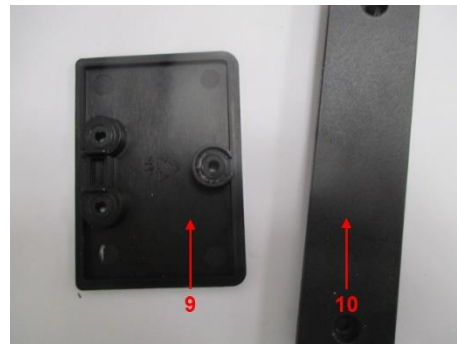
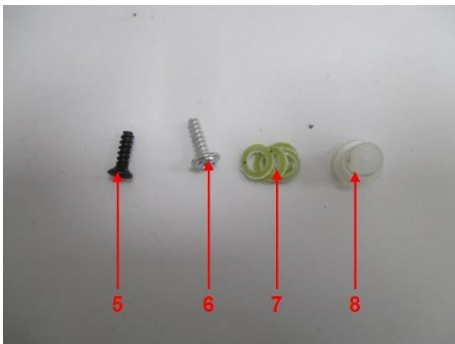
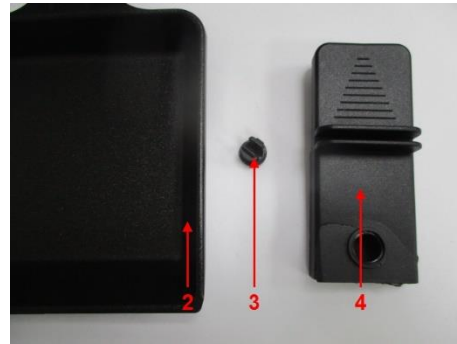
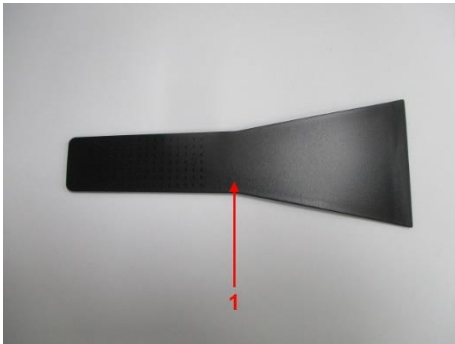
EX= Exempted

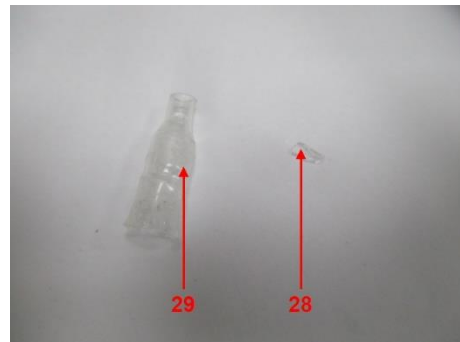
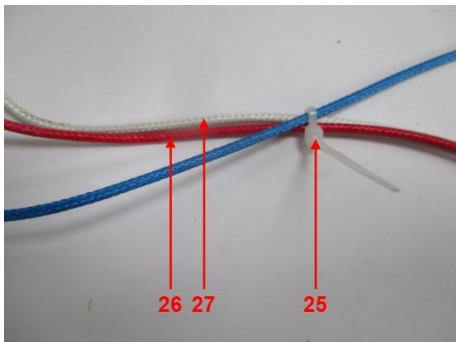
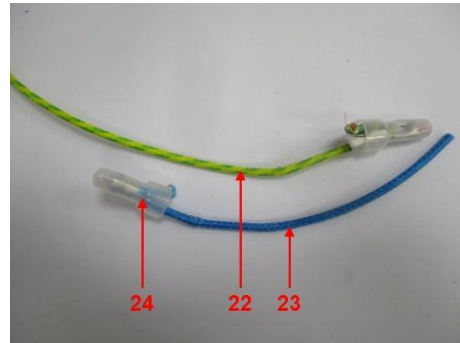
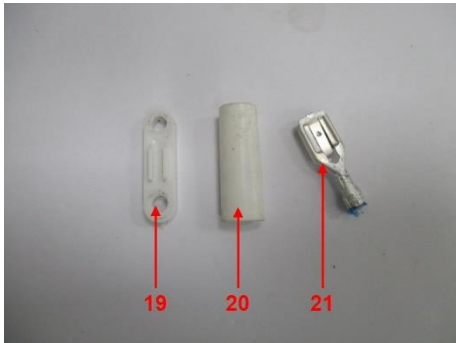
Remark :

- 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.
- 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.
- For item 30:
#According to Annex III of European Council Directive 2011/65/EU, exemptions were granted a few materials and Clause 6(c) is reiterated here "Copper alloy containing up to 4 % lead by weight.". Test Item(s) was (were) claimed as is by client (received as is). Therefore, this (these) Test Item(s) containing the found lead level should be exempted.
- For item 34:
According to Annex III of European Council Directive 2011/65/EU, exemptions were granted a few materials and Clause 8(b)-I is reiterated here "Cadmium and its compounds in electrical contacts used in
 - circuit breakers,
 - thermal sensing controls,
 - thermal motor protectors (excluding hermetic thermal motor protectors),
 - AC switches rated at:
 - 6 A and more at 250 V AC and more, or
 - 12 A and more at 125 V AC and more,
 - DC switches rated at 20 A and more at 18 V DC and more, and
 - switches for use at voltage supply frequency ≥ 200 Hz.Test Item(s) was (were) claimed as is by client (received as is). Therefore, this (these) Test Item(s) containing the found cadmium level should be exempted.

Comment :

Photograph depicting Test Item(s)







END

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] :

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]	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, i]	1 000 / Negative ^[j]
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	Sum 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	Sum 50 ^[f]	Sum 1 000

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: 2017.

^[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: 2007.

^[h] Other Than Metal, Leather, Polymers and Electronics - Test method with reference to International Standard ISO 17075: 2007.

^[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).



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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)



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Annex

The client declared that the materials used of below Styles are same as tested style.

WJ-*, (*=800, 800A, 800B, 800C, 800D, 800AD,801, 801A, 801B, 801C, 801D,801AD, 802,802A, 803, 804, 804A, 804B, 804C, 804D,804AD, 805, 806, 807, 807A, 807B, 807C, 807D,807AD, 808, 808A, 808B, 808C, 808D,808AD, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 021, 022, 023, 024, 025, 025A, 026, 026A, 027, 027A, 028, 027A-A, 029, 029A, 030A, 030B, 030C, 030D, 031, 031N, 031B, 032, 033, 041, 042, 045A, 045B, 046, 046A, 046A-A, 046A-B, 046S, 046A-C, 046A-D, 046SA, 046SB, 046SC, 046SD, 047, 051, 051B, 051C, 051D, 052, 053, 053A, 055, 056, 056A, 056S, 056SA, 058A, 058B, 058C, 058D, 061, 062, 063, 065, 066, 066N, 065A, 066B, 072, 072A, 072B, 072C, 073, 073B, 073C, 075, 076, 076A, 076B, 078, 079, 091, 092, 093, 095, 096, 096S, 097, 097S, 099S, 101, 102, 102A, 103, 103S, 106, 106B, 106C, 106D, 107, 107B, 107C, 107D,108,108A,108B,108C,115,151,152,152C,152D,153,153C,153D,155,156,157,158, 158A,158B,158C,159,159A,159B,159C,160,160A,160B,160C,161,161A,161B,161C,162,162A,162B,162C,163, 163A,163B,163C,164,164A,164B,164C,165,165A,165B,165C,166,166A,166B,166C,167,167A,167B,167C,168, 168A,168B,168C,169,169A,169B,169C,170,170A,170B,170C,171,171A,171B,171C,172,172A,172B,172C,173, 173A,173B,173C,174,174A,174B,174C,175,175A,175B,175C,176,176A,176B,176C,177,177A,177B,177C,178, 178A,178B,178C,179,179A,179B,179C,180,180A,180B,180C,181,182,182A,182B,183, 188,188N,288,200,201,202,203,206,207,208,209,217,230,301,301A,301B,301C,302, 302A,302B,302C,303,303A,303B,303C,307,307A,307B,307C,308,308A,308B,308C,309,309A,309B,309C,310, 310A,310B,310C,388,488,588,588B,588C,588S,666,818,901,902,903,904,905,906,907,908,909,910,K201A, K201B,K201C,K201D,K202,K202A,K203, K203A,K202B,K203B,K204,K205,K206,K207,K208,K209,K210,K211,K212,K213,K214, K215,K216,K217,K218,K219,K220,K221,K222,K223,K221B,K222B,K221A,K222A, K221-1,K222-1,K221B-1,K222B-1,K221A-1,K222A-1,K221-2, K222-2, K221B-2, K222B-2, K221A-2, K222A-2,K223,K223A,K223B,K224,K224A,K224B,K225,K226,K226A,K227, K227A,K228,K228A,K229,K229A,K230, K230A,S401A, S401B, S402, S403, S404,S405, S405A,S405B,S406A,S406B,S406,S407,S408,S409,S410,P501,P502,P503,P504,P505, P505A,P506,P506A,P507,P507A,P508,P508A,P509,P509A,P510,P510A,P511,P511A P512,P512A,2088,1701,1702,1703,1704,1705,1706,1707,1708,1709,1710,T901,T902, T903,T904,T905,T906,B101,B102, B103, B104, B105, B105A, B105B, B105C, B105D, B101, B102, B103, B104, B105, B106, B107, B108, B109, B109S, B110, B111, B112, B113, B114, B115, B116, B117, B118, B119, B120,D701, D701A, D702, D702A, D703, D703A, D704, D705, D706, D707, D708, D709, D710, D711, D712, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, KB-8012, MWF5, NMWF5, MWFWM5, VWMMWF5, MKKWFL5, MKKWFLWM5BB, MKKWFLWM5GL, MKKWFLWM5KLN, MKKWFLWM5SG, MKKGRD5, MKKGRDWM5BB, MKKGRDWM5GL, MKKGRDWM5KLN, MKKGRDWM5SG, MGD5, MGDWM, NMGD5, MGR5, NMGR5, NMSAND5, MSNDW5, MSNDWWM5, MSAND5,VWMMWF5RD)

Remark:

Since the client was not able to provide the sample of additional Style, above additional Style(s) hasn't been tested, but only based on the guarantee letter provided by the client. Bureau Veritas-CPS takes no responsibility for any mistakes and the problems of product consistency caused by inaccurate and/or invalid information submitted by the client. The client will take the responsibility of all discrepancy and risk.