

TEST REPORT

APPLICANT : NEMO POWER TOOLS LIMITED
ADDRESS : 21ST FLOOR, CMA BUILDING 64 CONNAUGHT ROAD
CENTRAL HONG KONG
TESTED SAMPLE DESCRIPTION : VACUUM LIFTER
TESTED ITEM NO. : VLP 18
BRAND NAME : FLEX
TECHNICAL DESCRIPTION : 18V , CLASS III
MANUFACTURER : FLEX-ELEKTROWERKZEUGE GMBH
FACTORY : NEMO POWER TOOLS (HUIZHOU) CO.,LIMITED
AGE REQUESTED ON APPLICATION FORM : NOT PRESENT
SAMPLE RECEIVED DATE : 24-Jan-2024; 07-Mar-2024
TEST PERIOD : 26-Jan-2024 to 14-Mar-2024

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	RESULT
RoHS Directive 2011/65/EU and its amendment Directive (EU) 2015/863.	PASS

The above sample(s) and sample information was/were submitted and identified on behalf of the applicant. Eurofins will not be liable for the authenticity of the information. This test report is valid for the tested sample only. Without permission of the test center this test report is not permitted to be duplicated in extracts.

Unless otherwise required by the applicant or method/regulation, decision rule in this report did not consider the measurement uncertainty.

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO., LTD.



Coco Luo
Senior Lab Manager



Harry Chen
Senior R&D Manager



TESTED SAMPLE PHOTO(S)



EFSN24011415-C-0101

TESTED SAMPLE PHOTO(S)



Material No.1-18



Material No.19-27



Material No.28-32



Material No.33-35



Material No.36-54


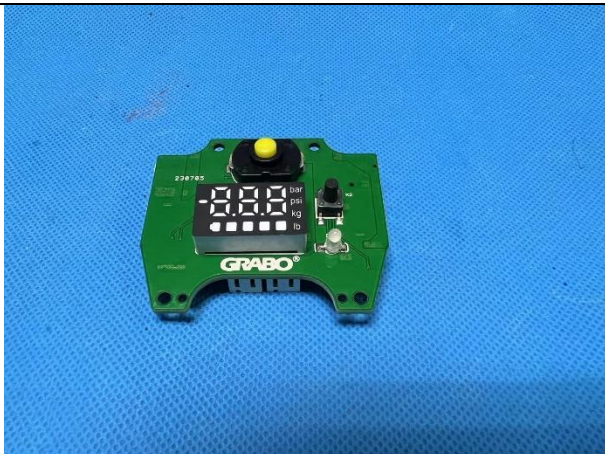

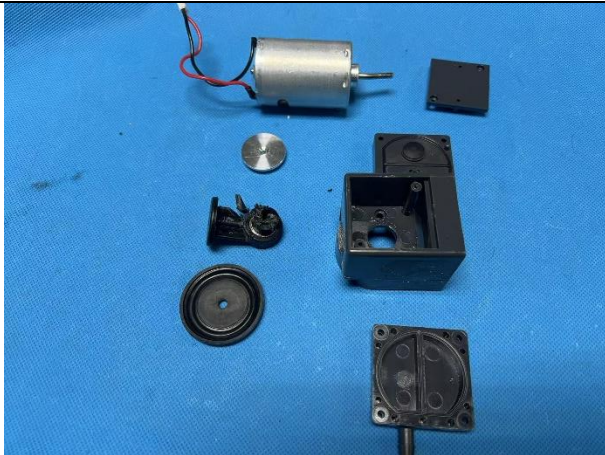
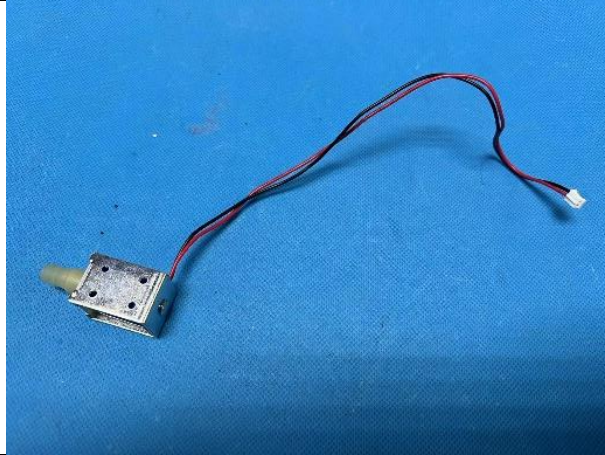


Material No.55-63

EFSN24011415-C-0101

TO BE CONTINUED

TESTED SAMPLE PHOTO(S)

	
<p>Material No.64-67</p>	<p>Material No.68-83</p>
	
<p>Material No.84-101</p>	<p>Material No.102-131</p>
	
<p>Material No.134-138</p>	

EFSN24011415-C-0101

TO BE CONTINUED

COMPONENT LIST

A VACUUM LIFTER

Component No.	Component	Sample No.
1	Black coating on zipper head, zipper puller and o-ring of bag	A
2	Silvery metal zipper puller	A
3	Small silvery metal zipper head	A
4	Silvery metal o-ring	A
5	Black soft plastic handle of bag-2 nd submission	A
6	Black narrow textile belt of bag	A
7	Black zipper teeth of bag	A
8	Black textile zipper band of bag	A
9	Black synthetic leather handle of bag	A
10	Black wide textile handle of bag	A
11	Black textile and soft plastic main body with white embroidery logo and white non-woven-2 nd submission	A
12	Big silvery metal zipper head of bag	A
13	Black textile lining	A
14	Black textile binding of bag	A
15	Black hook and loop fastener	A
16	Black plastic frame of bag-2 nd submission	A
17	White foam filler of bag	A
18	Black plastic filler on base of bag	A
19	Red plastic hull of vacuum lifter	A
20	Black soft plastic hull with red and white coating	A
21	Black printed white plastic label with glue	A
22	Black foam pad with transparent glue	A
23	Translucent white soft plastic tube	A
24	Black soft plastic button and stopper on screen	A
25	Red soft plastic button	A
26	Transparent black plastic screen	A
27	Translucent white soft plastic stopper on screen	A
28	Black foam seal on base with transparent glue	A
29	Light red foam seal on base	A
30	Red foam spacer with transparent glue	A
31	Black plastic base in the middle of foam seal	A
32	Black plastic filter sealing ring	A
33	Yellow non-woven of filter	A
34	Snow white fabric of filter	A
35	White textile of filter	A
36	Black soft plastic stopper on base	A
37	Black plastic nut	A
38	Silvery metal washer	A
39	Red plastic button of switch	A
40	Green plastic button of switch	A
41	Black plastic hull of switch	A
42	Silvery metal pin of switch	A
43	Silvery soldering	A
44	Black soft plastic wire insulation	A
45	White printed black soft heat shrink tubing	A
46	Silvery metal core of wire	A

TO BE CONTINUED

Component No.	Component	Sample No.
47	White plastic terminal on wire	A
48	Silvery metal contact plate on terminal	A
49	Snow white plastic block on switch	A
50	Coppery metal frame of switch	A
51	Small silvery metal spring of switch	A
52	Big black metal spring of switch	A
53	Thick silvery metal shaft of switch	A
54	Thin silvery metal shaft of switch	A
55	Silvery metal securing tabs	A
56	Black long metal hexagon screw	A
57	Black long flat metal hexagon screw	A
58	Black short flat metal hexagon screw	A
59	Black short hexagon metal screw	A
60	Black metal screw	A
61	Silvery metal screw	A
62	Black soft plastic seal ring	A
63	Black plastic wire fastener	A
64	Thick white printed black soft plastic wire insulation	A
65	Thick white printed red soft plastic wire insulation	A
66	Black plastic frame of battery holder	A
67	Silvery metal contact plate of battery holder	A
68	Black printed black slice plastic with glue on screen	A
69	Black printed plastic hull of screen	A
70	Black PCB with transparent transparent glue	A
71	Silvery metal pin of screen	A
72	Translucent plastic LED on PCB	A
73	Silvery metal pin of LED	A
74	Black plastic button and base of contact switch"K2"	A
75	Silvery metal hull of contact switch "K2"	A
76	Silvery metal contact plate of contact switch"K2"	A
77	Silvery metal pin of contact switch"K2"	A
78	Yellow plastic button of switch"K1"	A
79	Black plastic hull of switch"K1"	A
80	Silvery metal spring of switch"K1"	A
81	White plastic block in switch"K1"	A
82	Silvery metal contact plate in switch"K1"	A
83	Silvery metal pin of switch"k1"-2 nd submission	A
84	Transparent brown plastic film on PCB	A
85	Black plastic "Z1" on PCB	A
86	Silvery metal pin of "Z1" on PCB	A
87	Black SMD resistor "R" with white printing on PCB(Ceramic/metal)	A
88	Black SMD diode"D10" on PCB(Ceramic/metal)	A
89	Black "TVS" on PCB(Ceramic/metal)	A
90	Brown SMD capacitor "C" on PCB (Ceramic/metal)	A
91	Black coil holder of "L1"on PCB(Ceramic/metal)	A
92	Coppery metal coil of "L1"on PCB	A
93	Black "M" on PCB (Ceramic/metal)	A
94	Black SMD "U1,U3"on PCB(Ceramic/metal)	A
95	Black SMD "UA1"on PCB(Ceramic/metal)	A
96	Black SMD "U4"on PCB(Ceramic/metal)	A
97	Black SMD transistor "Q" on PCB	A
98	Beige plastic housing	A

TO BE CONTINUED

Component No.	Component	Sample No.
99	Silvery metal pin of housing	A
100	Silvery metal contact plate of housing	A
101	Green PCB(Plastic/printing/metal)	A
102	Black printed silver plastic label on pum	A
103	Grey plastic hull of pum	A
104	Silvery metal round plate of pum	A
105	Black plastic bearing holder of pum	A
106	Black soft round plastic plate of pum	A
107	Black soft plastic air valve on pum	A
108	Silvery metal hull of bearing	A
109	Black metal ring of bearing	A
110	Silver metal cover of bearing	A
111	Silvery metal bead of bearing	A
112	Silvery metal hull of motor	A
113	Silvery metal axis of motor	A
114	Silvery metal cover of motor	A
115	Golden metal pin of motor	A
116	Translucent white plastic cover of motor	A
117	Black magnet of motor	A
118	Silvery metal clip of motor	A
119	Silvery metal rivet of motor	A
120	Coppery metal brush of motor	A
121	Black soft plastic sponge with transparent glue	A
122	Coppery carbon block of motor	A
123	Black printed orange capacitor(Ceramic/metal)	A
124	Silvery metal pin of capacitor	A
125	Golden metal ring of motor	A
126	Brown plastic gasket	A
127	Black ceramic ring with white printing of motor	A
128	Coppery and silvery metal chip of commutator on motor	A
129	Silvery metal plate of rotor on motor	A
130	Green plastic of rotor on motor	A
131	Coppery metal coil of rotor on motor	A
132	Beige plastic connector on "SN 51015V1"	A
133	Silvery metal hull of "SN 51015V1"	A
134	Silvery metal axis of "SN 51015V1"	A
135	Blue plastic tape with transparent glue of "SN 51015V1"	A
136	Coppery metal coil of "SN 51015V1"	A
137	Black soft plastic wire jacket	A
138	Red soft plastic wire jacket	A

TO BE CONTINUED

TEST RESULT

RoHS

Test Method : (1) Screening by XRF Spectroscopy:
IEC 62321-3-1: 2013, Lead, Mercury, Cadmium, total Chromium and total Bromine by X-ray fluorescence spectrometry

(2) Wet Chemical test:
Cadmium, Lead: IEC 62321-5: 2013, determined by ICP-OES.
Mercury: IEC 62321-4: 2013/AMD1: 2017, determined by ICP-OES.
Chromium (VI): IEC 62321-7-1: 2015 and IEC 62321-7-2: 2017, determined by UV/VIS.
PBBs & PBDEs: IEC 62321-6: 2015, determined by GC-MS.

(3) DBP, BBP, DEHP and DiBP: IEC 62321-8:2017

Test Result :

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
1	1	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
2	2	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
3	3	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
4	4	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
5	5	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	80
		DiBP	--	IN	N.D.
6	6	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
7	7	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	N.D.
		DiBP	--	IN	N.D.
8	8	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
9	9	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	57
		DiBP	--	IN	N.D.
10	10	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
11	11	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	318
		BBP	--	IN	N.D.
		DEHP	--	IN	61
		DiBP	--	IN	N.D.
12	12	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
13	13	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	IN	--	N.D.
		PBDEs	IN	--	N.D.
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
14	14	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
15	15	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
16	16	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	136
		DiBP	--	IN	N.D.
17	17	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
18	18	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	314
		DiBP	--	IN	N.D.

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
19	19	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	N.D.
		DiBP	--	IN	N.D.
20	20	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
21	21	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
22	22	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
23	23	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
24	24	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
25	25	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
26	26	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	N.D.
		DiBP	--	IN	N.D.

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
27	27	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
28	28	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
29	29	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
30	30	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
31	31	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	N.D.
		DiBP	--	IN	N.D.
32	32	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	N.D.
		DiBP	--	IN	N.D.
33	33	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	N.D.
		DiBP	--	IN	N.D.
34	34	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
35	35	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
36	36	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
37	37	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	N.D.
		DiBP	--	IN	N.D.
38	38	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
39	39	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	IN	N.D.
		BBP	--	IN	N.D.
		DEHP	--	IN	N.D.
		DiBP	--	IN	N.D.
40	40	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
41	41	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	IN	--	N.D.
		PBDEs	IN	--	N.D.
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
42	42	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
43	43	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
44	44	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
45	45	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
46	46	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
47	47	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
48	48	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
49	49	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
50	50	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
51	51	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
52	52	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
53	53	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
54	54	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
55	55	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
56	56	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
57	57	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
58	58	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
59	59	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
60	60	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
61	61	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
62	62	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
63	63	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
64	64	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
65	65	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
66	66	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	IN	--	N.D.
		PBDEs	IN	--	N.D.
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
67	67	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
68	68	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
69	69	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	IN	--	N.D.
		PBDEs	IN	--	N.D.
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
70	70	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	IN	--	N.D.
		PBDEs	IN	--	N.D.
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
71	71	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
72	72	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
73	73	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
74	74	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
75	75	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
76	76	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
77	77	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
78	78	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
79	79	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
80	80	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
81	81	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
82	82	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
83	83	Cd	IN	--	89
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
84	84	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
85	85	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
86	86	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
87	87	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
88	88	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
89	89	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
90	90	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
91	91	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
92	92	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
93	93	Cd	BL	--	--
		Pb	IN	--	18044(*)
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
94	94	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
95	95	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
96	96	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
97	97	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
98	98	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
99	99	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
100	100	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
101	101	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	IN	--	N.D.
		PBDEs	IN	--	N.D.
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
102	102	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
103	103	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
104	104	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
105	105	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
106	106	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
107	107	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
108	108	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
109	109	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
110	110	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
111	111	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
112	112	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
113	113	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
114	114	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
115	115	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
116	116	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
117	117	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
118	118	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
119	119	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
120	120	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
121	121	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
122	122	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
123	123	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
124	124	Cd	BL	--	--
		Pb	IN	--	N.D.
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
125	125	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
126	126	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
127	127	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
128	128	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
129	129	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
130	130	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
131	131	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
132	132	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
133	133	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	Negative
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
134	134	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--

TO BE CONTINUED

TEST RESULT

Test No.	Material No.	XRF Results (mg/kg) (1)		Screening Results of PHTH (mg/kg) (2)	Wet Chemical Confirmation Result (mg/kg) (3)
135	135	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
136	136	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	BL	--	--
		PBBs	NA	--	--
		PBDEs	NA	--	--
		DBP	--	NA	--
		BBP	--	NA	--
		DEHP	--	NA	--
		DiBP	--	NA	--
137	137	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	N.D.
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--
138	138	Cd	BL	--	--
		Pb	BL	--	--
		Hg	BL	--	--
		Cr(VI)	IN	--	N.D.
		PBBs	BL	--	--
		PBDEs	BL	--	--
		DBP	--	BL	--
		BBP	--	BL	--
		DEHP	--	BL	--
		DiBP	--	BL	--

TO BE CONTINUED

TEST RESULT

Remark:

(1) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr(VI).

(b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (for Cr(VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC62321.

XRF Screening Limits in mg/kg for Regulated Elements in Various Matrices:

Element	Polymer Materials	Metallic Materials	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Br	$BL \leq (300-3\sigma) < X$	-	$BL \leq (250-3\sigma) < X$

(c) The XRF screening test for ROHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

Note: BL= Below Limit
 OL= Over Limit
 IN = Inconclusive
 LOD = Limit of Detection
 N.D. = Not Detected (<MDL)
 NA = Not Applicable
 - = Not Regulated
 -- = Not Conducted
 mg/kg = milligram per kilogram = ppm = 0.0001%

(2) Screening results of PHTH are for primary screening, and further chemical testing by GC-MS (for DBP, BBP, DEHP and DIBP) are recommended to be performed if the concentration exceeds the below warning value (unit: mg/kg)

Compound	Polymer Materials
DBP	$BL \leq 600 < X$
BBP	$BL \leq 600 < X$
DEHP	$BL \leq 600 < X$
DiBP	$BL \leq 600 < X$

(3) (a) Unit and Method Detected Limit (MDL) in wet chemical test.

Testing Item	Detection Limit
Cadmium, Lead & Mercury	10 mg/kg
Chromium (VI)	10 mg/kg
Polybrominated Biphenyls (PBBs) & Polybrominated Diphenyl Ethers (PBDEs)	10 [^] mg/kg
Dibutylphthalate (DBP)	50 mg/kg
Benzylbutylphthalate (BBP)	50 mg/kg
Diethylhexylphthalate (DEHP)	50 mg/kg
Diisobutyl phthalate (DiBP)	50 mg/kg

^ The MDL for single compound of PBBs and PBDEs.

TO BE CONTINUED

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TEST RESULT

(b) According to IEC 62321, result on Cr(VI) for metal sample is shown as Positive/Negative.

Negative = Absence of Cr(VI) coating.

Positive = Presence of Cr(VI) coating.

(4) RoHS Requirement:

Restricted Substances	Limits[^]
Cadmium (Cd)	0.01% (100 mg/kg)
Lead (Pb)	0.1% (1000 mg/kg)
Mercury (Hg)	0.1% (1000 mg/kg)
Chromium (VI) (Cr VI)	0.1% (1000 mg/kg)
Polybrominated Biphenyls (PBBs)	0.1% (1000 mg/kg)
Polybrominated Diphenyl Ethers (PBDEs)	0.1% (1000 mg/kg)
Dibutylphthalate (DBP)	0.1% (1000 mg/kg)
Benzylbutylphthalate (BBP)	0.1% (1000 mg/kg)
Diethylhexylphthalate (DEHP)	0.1% (1000 mg/kg)
Diisobutyl phthalate (DiBP)	0.1% (1000 mg/kg)

[^]The above limits were quoted from 2011/65/EU and its amendment Directive (EU) 2015/863 for homogeneous material.

(5) *. According to the Annex of RoHS Directive 2011/65/EU, "Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors e.g. piezoelectronic devices, or in a glass or ceramic matrix compound" is exempted from the requirements of Article 4(1). This exemption applies to testing sample No. 93

Other Information / Remark:

N/A

END OF THE REPORT

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