

Test Report	NO.: MMCU2QPM42878744 Date: Oct 17, 2018	Page 1 of 20
Applicant:	Shenzhen Landun Environmental Technology Co.,Ltd	
Address:	No.1,TongFuYu industrial park,Longtian community,Kengzi Steet, Pingshan new district,Shenzhen	
The following sample(s)	was/were submitted and identified on behalf of the client as:	
Sample Name:	Reverse Osmosis Water Filter	
Sample Model:	YCZ-CB801	
Manufacturer:	Shenzhen Landun Environmental Technology Co.,Ltd	
Part Name:	See details next page	
Sample Received Date:	Oct 09, 2018	
Testing Period:	Oct 09, 2018 TO Oct 17, 2018	
Reference Requested:	RoHS Directive 2011/65/EU & (EU)2015/863 Annex II	
Reference Method:	1.Review was performed for the samples disjionted from the subr and the ralated test reports submitted by the Applicant	nitted articles
	2.Tests was performed for the samples indicated by the photos in (1) IEC 62321-3-1:2013,Screening by XRF Spectroscopy	the report products.
	(2) Wet Chemical Test Method	
	a. IEC 62321-5 Edition 1.0:2013,Lead Analysis is performed b	y AAS
	b. IEC 62321-7-1 Edition 1.0:2015,	
16	Hexavalent Chromium Analysis is performed by UV-Vis	
	c. IEC 62321-6 Edition 1.0:2015,PBBs and PBDEs Analysis is by GC-MS	performed
Test Result:	Please refer to next page(s)	

Approved by:

6an Li



Code: vtp412q



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Sample List:

Sample No.	Part	Name
M42878744-1		white plastic parts
M42878744-2	Post Active carbon filter	O-ring
M42878744-3	Post Active carbon litter	activated carbon
M42878744-4		plastic housing
M42878744-5		metal partsplating
M42878744-6	4	metal partsbase material
M42878744-7	3-Way inlet connect valve	rubber plug
M42878744-8		white plastic circle
M42878744-9		black O-ring
M42878744-10	4040	plastic housing
M42878744-11	Quick connector	O-ring
M42878744-12	19 C	plastic housing
M42878744-13	High-voltage switch	transparent plastic mat
M42878744-14		switch housing
M42878744-15		plastic buckle
M42878744-16	Water leakage protector switch	plastic parts
M42878744-17	SWICH	plastic circle
M42878744-18	1 2 M 1	plastic circle
M42878744-19		plastic rubber plug
M42878744-20		soft rubber plug
M42878744-21	Inlet valve	O-ring
M42878744-22		plastic buckle
M42878744-23		switch housing
M42878744-24		water pipeplating
M42878744-25		water pipebase material
M42878744-26		plastic partsplating
M42878744-27	1/4" faucet	plastic partsbase material
M42878744-28	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	metal partsplating
M42878744-29		metal partsbase material
M42878744-30	/ /	O-ring







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Sample List:

Sample No.	Part Name			
M42878744-31		inlet water pipe		
M42878744-32		soft rubber ring		
M42878744-33	1/2)	metal parts		
M42878744-34	1/4" faucet	metal parts		
M42878744-35		soft rubber ring		
M42878744-36	14	O-ring		
M42878744-37		white plastic ring		
M42878744-38		metal ring		
M42878744-39		plastic cap		
M42878744-40		paper cotton		
M42878744-41		Corpus Spongisum		
M42878744-42	10 " Granular active	activated carbon		
M42878744-43	carbon filter	plastic particle		
M42878744-44		cotton filter		
M42878744-45		yellow housing		
M42878744-46		distance piece		
M42878744-47		filter net		
M42878744-48	N 48" N	filter paper		
M42878744-49	RO membrane filter	tape		
M42878744-50		rubble core		
M42878744-51		soft rubber ring		
M42878744-52	1/4" P	E pipe		
M42878744-53		plastic housing		
M42878744-54		plastic parts		
M42878744-55	Cartridge housing	plastic parts		
M42878744-56	Call at	O-ring		
M42878744-57	PP filter			
M42878744-58	Plastic lid			
M42878744-59	O-ring of cartridge housing			







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Test Result (Unit: mg/kg)

Sample No.	S E	EDXRF		Chemical Testing		
Gample No.	Test Item	Results (1)	Test Item	Result (2)	Limit	
M42878744-1	Pb	N.D.	Pb	1	1000	
	Cd	N.D.	Cd	١	100	
••••	Hg	N.D.	Hg	\	1000	
🍑 ° o 🐇	Cr	N.D.	Cr ⁶⁺	1	1000	
000	Br	N.D.	PBBs		1000	
	Ы	N.D.	PBDEs	1	1000	
M42878744-2	Pb	28.9	Pb	\	1000	
239 ()	Cd	N.D.	Cd	\	100	
0	Hg	N.D.	Hg	1	1000	
0	Cr	N.D.	Cr ⁶⁺	١	1000	
00	D-	N.D.	PBBs	\	1000	
•••	Br	N.D.	PBDEs	۱	1000	
M42878744-3	Pb	N.D.	Pb	\	1000	
161 / ()	Cd	N.D.	Cd	/	100	
	Hg	N.D.	Hg	١	1000	
	Cr	N.D.	Cr ⁶⁺	١	1000	
		Br N.D.	PBBs	١	1000	
24 - 1	Br		PBDEs	/	1000	
M42878744-4	Pb	N.D.	Pb	\	1000	
	Cd	N.D.	Cd	/	100	
	Hg	N.D.	Hg	١	1000	
	Cr	N.D.	Cr ⁶⁺	١	1000	
	D-		PBBs	\	1000	
	Br	N.D.	PBDEs	\	1000	
M42878744-5	Pb	9.46×10 ³	Pb	N.D.	1000	
	Cd	N.D.	Cd	١	100	
C) K	Hg	N.D.	Hg	\	1000	
	Cr	N.D.	Cr ⁶⁺	1	1000	
8 01	D-	,	PBBs	\	1000	
	Br	1 33	PBDEs	\	1000	







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Test Result (Unit: mg/kg)

Sample No.	EDXRF		Chemical Testing		
	Test Item	Results (1)	Test Item	Result ⁽²⁾	Limit
M42878744-6	Pb	9.46×10 ³	Pb	*2.59×10 ⁴	1000
and the second second	Cd	N.D.	Cd	١	100
	Hg	N.D.	Hg	١	1000
12 6	Cr	N.D.	Cr ⁶⁺	1	1000
01	Br	,	PBBs	1	1000
	Ы	1	PBDEs	1	1000
M42878744-7	Pb	29.0	Pb	1	1000
11	Cd	N.D.	Cd	1	100
	Hg	N.D.	Hg	١	1000
	Cr	N.D.	Cr ⁶⁺	١	1000
	Br	N.D.	PBBs	\	1000
	Ы	N.U.	PBDEs	\	1000
M42878744-8	Pb	N.D.	Pb	\	1000
	Cd	N.D.	Cd	١	100
	Hg	N.D.	Hg	١	1000
	Cr	N.D.	Cr ⁶⁺	١	1000
0	Br	N.D.	PBBs	١	1000
	DI		PBDEs	\	1000
M42878744-9	Pb	32.7	Pb	\	1000
The second	Cd	N.D.	Cd	\	100
C	Hg	N.D.	Hg	\	1000
5	Cr	N.D.	Cr ⁶⁺	١	1000
40	Br	N.D.	PBBs	۱	1000
		N.D.	PBDEs	۱	1000
M42878744-10	Pb	N.D.	Pb	\	1000
	Cd	N.D.	Cd	١	100
	Hg	N.D.	Hg	١	1000
	Cr	N.D.	Cr ⁶⁺	1	1000
-	Dr		PBBs	· · ·	1000
	Br	N.D.	PBDEs	- \	1000







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Test Result (Unit: mg/kg)

Sample No.	EDXRF			Chemical Testing		
	Test Item	Results ⁽¹⁾	Test Item	Result (2)	Limit	
M42878744-11	Pb	14.2	Pb	۱	1000	
And in case of the local division of the loc	Cd	N.D.	Cd	1	100	
-	Hg	N.D.	Hg	1	1000	
00	Cr	N.D.	Cr ⁶⁺	<u> </u>	1000	
0	Br	N.D.	PBBs	١	1000	
		N.D.	PBDEs	1	1000	
M42878744-12	Pb	N.D.	Pb	1	1000	
100	Cd	N.D.	Cd	1	100	
Contraction of the second	Hg	N.D.	Hg	1	1000	
-	Cr	N.D.	Cr ⁶⁺	١	1000	
CIEL IN	Br	N.D.	PBBs	١	1000	
		N.U.	PBDEs	\	1000	
M42878744-13	Pb	N.D.	Pb	\	1000	
	Cd	N.D.	Cd	١	100	
	Hg	N.D.	Hg	١	1000	
	Cr	N.D.	Cr ⁶⁺	١	1000	
	Br	N.D.	PBBs	١	1000	
			PBDEs	١	1000	
M42878744-14	Pb	20.0	Pb	\	1000	
and the second se	Cd	N.D.	Cd	\	100	
	Hg	N.D.	Hg	\	1000	
	Cr	N.D.	Cr ⁶⁺	١	1000	
	Br	3.99×10 ⁴	PBBs	N.D.	1000	
		3.33^10	PBDEs	N.D.	1000	
M42878744-15	Pb	N.D.	Pb	\	1000	
	Cd	N.D.	Cd	١	100	
	Hg	N.D.	Hg	/	1000	
	Cr	N.D.	Cr ⁶⁺	1	1000	
	Br	N.D.	PBBs		1000	
the second	ВГ	N.D.	PBDEs	- \	1000	







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Test Result (Unit: mg/kg)

Sample No.	2E	EDXRF		Chemical Testing		
Sample No.	Test Item	Results (1)	Test Item	Result (2)	Limi	
M42878744-16	Pb	N.D.	Pb	1 <	1000	
and the second second	Cd	N.D.	Cd	١	100	
	Hg	N.D.	Hg	/	1000	
\mathbf{O}	Cr	N.D.	Cr ⁶⁺	/	1000	
$\mathbf{\overline{\vee}}$	Br	N.D.	PBBs		1000	
	ы	N.D.	PBDEs	1	1000	
M42878744-17	Pb	N.D.	Pb	\	1000	
	Cd	N.D.	Cd	1	100	
	Hg	N.D.	Hg	1	1000	
(0)	Cr	N.D.	Cr ⁶⁺	1	1000	
	Dr	N.D.	PBBs	/	1000	
	Br	N.D.	PBDEs	<u>ا ا ا ا</u>	1000	
M42878744-18	Pb	N.D.	Pb	/	1000	
	Cd	N.D.	Cd	1	100	
	Hg	N.D.	Hg	١	1000	
	Cr	N.D.	Cr ⁶⁺	/	1000	
		ND	PBBs	1	1000	
	Br	N.D.	PBDEs	/	1000	
M42878744-19	Pb	N.D.	Pb	\	1000	
1.	Cd	N.D.	Cd	/	100	
	Hg	N.D.	Hg	/	1000	
0000	Cr	N.D.	Cr ⁶⁺	/	1000	
	Br	N.D.	PBBs	/	1000	
	DI	N.D.	PBDEs	/	1000	
M42878744-20	Pb	23.9	Pb	\	1000	
	Cd	N.D.	Cd	λ	100	
	Hg	N.D.	Hg	1	1000	
	Cr	N.D.	Cr ⁶⁺	1	1000	
	Br	N.D.	PBBs	/	1000	
	DI	N.D.	PBDEs	\	1000	







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Test Result (Unit: mg/kg)

Comula No	E E	DXRF	Chemical Testing			
Sample No.	Test Item	Results (1)	Test Item	Result (2)	Limit	
M42878744-21	Pb	19.3	Pb		1000	
And in case of the local division of the loc	Cd	N.D.	Cd	1	100	
	Hg	N.D.	Hg	١	1000	
	Cr	N.D.	Cr ⁶⁺	\sim	1000	
	Br	N.D.	PBBs	١	1000	
	DI	N.D.	PBDEs	1	1000	
M42878744-22	Pb	N.D.	Pb	/	1000	
	Cd	N.D.	Cd	1	100	
	Hg	N.D.	Hg	1	1000	
	Cr	N.D.	Cr ⁶⁺	١	1000	
	D-		PBBs	1	1000	
	Ы	Br N.D.	PBDEs	1	1000	
M42878744-23	Pb	13.7	Pb	\	1000	
	Cd	N.D.	Cd	١	100	
	Hg	N.D.	Hg	١	1000	
	Cr	N.D.	Cr ⁶⁺	١	1000	
	D	3.81×10 ⁴	PBBs	N.D.	1000	
	Br	3.01×10	PBDEs	N.D.	1000	
M42878744-24	Pb	N.D.	Pb	/	1000	
the second second	Cd	N.D.	Cd	/	100	
11	Hg	N.D.	Hg	/	1000	
	Cr	4.13×10 ⁴	Cr ⁶⁺	Negative	See Note(2) (c)	
	Dr	1	PBBs	1	1000	
	Br	~~~	PBDEs	١	1000	
M42878744-25	Pb	N.D.	Pb	\	1000	
11	Cd	N.D.	Cd	١	100	
	Hg	N.D.	Hg	١	1000	
	Cr	4.13×10 ⁴	Cr ⁶⁺	Negative	See Note(2) (c)	
		,	PBBs	1	1000	
a second second second	Br	> 1.2°	PBDEs	\	1000	







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Comple No.	EDXRF		Chemical Testing			
Sample No.	Test Item	Results (1)	Test Item	Result (2)	Limit	
M42878744-26	Pb	76.1	Pb	ά <u>ι</u> <u>(</u>	1000	
	Cd	N.D.	Cd	\	100	
	Hg	N.D.	Hg	/	1000	
6	Cr	5.27×10 ³	Cr ⁶⁺	Negative	See Note(2) (c)	
and the second s	Br	~~~ ,	PBBs	1	1000	
200.5	Ы		PBDEs	1	1000	
	Pb	27.8	Pb	١	1000	
M42878744-27	Cd	N.D.	Cd	۱	100	
-	Hg	N.D.	Hg	۱ <u>۱</u>	1000	
	Cr	332	Cr ⁶⁺	١	1000	
See.	11.5		PBBs	N.D.	1000	
	Br	1.84×10 ³	PBDEs	Bro~Non: N.D. Dec: 191	1000	
M42878744-28	Pb	657	Pb	N.D.	1000	
	Cd	N.D.	Cd	١	100	
And	Hg	N.D.	Hg	١	1000	
	Cr	1.62×10 ⁴	Cr ⁶⁺	Negative	See Note(2) (c)	
	D-		PBBs	١	1000	
	Br	1200	PBDEs	١	1000	
M42878744-29	Pb	659	Pb	*2.72×10 ⁴	1000	
	Cd	N.D.	Cd	١	100	
and	Hg	N.D.	Hg	γ	1000	
	Cr	1.62×10 ⁴	Cr ⁶⁺	Negative	See Note(2) (c)	
and the second	D-		PBBs	۱	1000	
	Br		PBDEs	\	1000	
M42878744-30	Pb	N.D.	Pb	\	1000	
	Cd	N.D.	Cd	/	100	
	Hg	N.D.	Hg	/	1000	
0	Cr	N.D.	Cr ⁶⁺	\\	1000	
	D-		PBBs	- 1	1000	
	Br	N.D.	PBDEs	١	1000	







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Test Result (Unit: mg/kg)

Sample No.	EDXRF			Chemical Testing		
Sumple No.	Test Item	Results (1)	Test Item	Result (2)	Limit	
M42878744-31	Pb	2.82×10 ⁴	Pb	*3.12×10 ⁴	1000	
	Cd	N.D.	Cd	١	100	
0.0	Hg	N.D.	Hg	1	1000	
V	Cr	N.D.	Cr ⁶⁺	\	1000	
	Br	,	PBBs	1	1000	
		`	PBDEs	\	1000	
M42878744-32	Pb	55.7	Pb	\	1000	
W. Contraction of the second	Cd	N.D.	Cd	\	100	
	Hg	N.D.	Hg	١	1000	
	Cr	10.7	Cr ⁶⁺	١	1000	
	Br	N.D.	PBBs	\	1000	
	DI		PBDEs	\	1000	
M42878744-33	Pb	1.06×10 ³	Pb	554	1000	
	Cd	N.D.	Cd	١	100	
6	Hg	N.D.	Hg	١	1000	
	Cr	N.D.	Cr ⁶⁺	١	1000	
6	Br	Dr. \	PBBs	١	1000	
	DI	- `	PBDEs	\	1000	
M42878744-34	Pb	1.56×10 ⁴	Pb	*2.71×10 ⁴	1000	
Contraction of the local division of the loc	Cd	N.D.	Cd	/	100	
-	Hg	N.D.	Hg	\	1000	
-	Cr	N.D.	Cr ⁶⁺	١	1000	
and the second sec	Br		PBBs	/	1000	
	ы	<u>`</u>	PBDEs	\	1000	
M42878744-35	Pb	13.9	Pb	\	1000	
	Cd	N.D.	Cd	١	100	
	Hg	N.D.	Hg	1	1000	
	Cr	N.D.	Cr ⁶⁺	/	1000	
	Dr		PBBs	/	1000	
	Br	N.D.	PBDEs	\ \	1000	







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Test Result (Unit: mg/kg)

Sample No.	j (i) E	DXRF	Chemical Testing			
· · · · · · · · · · · · · · · · · · ·	Test Item	Results (1)	Test Item	Result (2)	Limit	
M42878744-36	Pb	29.9	Pb	1	1000	
-	Cd	N.D.	Cd	\	100	
0	Hg	N.D.	Hg	1	1000	
2	Cr	N.D.	Cr ⁶⁺		1000	
0	Br	N.D.	PBBs	1	1000	
200.0	DI	N.D.	PBDEs	1	1000	
M42878744-37	Pb	10.8	Pb	\	1000	
	Cd	N.D.	Cd	\	100	
0	Hg	N.D.	Hg	1	1000	
	Cr	N.D.	Cr ⁶⁺	1	1000	
	Br	N.D.	PBBs	\	1000	
	Br	N.D.	PBDEs	\	1000	
M42878744-38	Pb	85.0	Pb	\	1000	
and the second se	Cd	N.D.	Cd	\	100	
0	Hg	N.D.	Hg	\	1000	
	Cr	6.83×10 ⁴	Cr ⁶⁺	Negative	See Note(2) (c)	
	Br	,	PBBs	\	1000	
	ы	- 1	PBDEs	\	1000	
M42878744-39	Pb	N.D.	Pb	\	1000	
	Cd	N.D.	Cd	\	100	
	Hg	N.D.	Hg	\	1000	
	Cr	N.D.	Cr ⁶⁺	λ	1000	
	Dr	N.D.	PBBs	1	1000	
and the second se	Br	N.D.	PBDEs	١	1000	
M42878744-40	Pb	N.D.	Pb	\	1000	
	Cd	N.D.	Cd	\	100	
	Hg	N.D.	Hg	١	1000	
	Cr	N.D.	Cr ⁶⁺	١	1000	
and the second sec	Dr	ND	PBBs		1000	
	Br	N.D.	PBDEs	\	1000	







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Sample No.	EDXRF		Chemical Testing		
	Test Item	Results (1)	Test Item	Result (2)	Limit
M42878744-41	Pb	N.D.	Pb		1000
	Cd	N.D.	Cd	1	100
	Hg	N.D.	Hg	1	1000
	Cr	N.D.	Cr ⁶⁺	1	1000
	Br	N.D.	PBBs	1	1000
304.1	Ы	N.D.	PBDEs	1	1000
M42878744-42	Pb	N.D.	Pb	1	1000
	Cd	N.D.	Cd	1	100
And .	Hg	N.D.	Hg	١	1000
1 A	Cr	N.D.	Cr ⁶⁺	1	1000
N	Br	N.D.	PBBs	1	1000
	ы	N.D.	PBDEs	\	1000
M42878744-43	Pb	N.D.	Pb	\	1000
	Cd	N.D.	Cd	١	100
	Hg	N.D.	Hg	١	1000
	Cr	N.D.	Cr ⁶⁺	\	1000
	Dr	Br N.D.	PBBs	١	1000
	ы		PBDEs	\	1000
M42878744-44	Pb	N.D.	Pb	\	1000
	Cd	N.D.	Cd	\	100
	Hg	N.D.	Hg	\	1000
and and and	Cr	N.D.	Cr ⁶⁺	1	1000
	Dr	ND	PBBs	١	1000
	Br	N.D.	PBDEs	1	1000
M42878744-45	Pb	N.D.	Pb	/	1000
and the second second	Cd	N.D.	Cd	١	100
	Hg	N.D.	Hg	١	1000
	Cr	N.D.	Cr ⁶⁺	\	1000
		/	PBBs	/	1000
	Br	N.D.	PBDEs	\	1000







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Test Result (Unit: mg/kg)

Comple No	EDXRF		Chemical Testing		
Sample No.	Test Item	Results (1)	Test Item	Result (2)	Limit
M42878744-46	Pb	N.D.	Pb	1	1000
	Cd	N.D.	Cd	١	100
	Hg	N.D.	Hg	/	1000
1 1	Cr	N.D.	Cr ⁶⁺	/	1000
	Da		PBBs		1000
	Br	N.D.	PBDEs	1	1000
M42878744-47	Pb	N.D.	Pb	\	1000
	Cd	N.D.	Cd	\	100
	Hg	N.D.	Hg	1	1000
	Cr	N.D.	Cr ⁶⁺	/	1000
-	Dr	N.D.	PBBs	١	1000
	Br	N.D.	PBDEs	<u>۱</u>	1000
M42878744-48	Pb	N.D.	Pb	\	1000
	Cd	N.D.	Cd	1	100
	Hg	N.D.	Hg	١	1000
	Cr	N.D.	Cr ⁶⁺	/	1000
	Br N.D.	ND	PBBs	١	1000
		N.D.	PBDEs	\	1000
M42878744-49	Pb	N.D.	Pb	\	1000
	Cd	N.D.	Cd	\	100
	Hg	N.D.	Hg	\	1000
	Cr	N.D.	Cr ⁶⁺	/	1000
	Br N.D.	ND	PBBs	/	1000
		N.D.	PBDEs	\	1000
M42878744-50	Pb	N.D.	Pb	\	1000
	Cd	N.D.	Cd	١	100
	Hg	N.D.	Hg	1	1000
	Cr	N.D.	Cr ⁶⁺	1	1000
	Dr	N.D.	PBBs	١	1000
1991	Br	N.D.	PBDEs	N	1000







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Test Result (Unit: mg/kg)

Sample No.	EDXRF		Chemical Testing		
Sample No.	Test Item	Results (1)	Test Item	Result (2)	Limit
M42878744-51	Pb	26.4	Pb	1	1000
	Cd	N.D.	Cd	1	100
	Hg	N.D.	Hg	1	1000
	Cr	N.D.	Cr ⁶⁺	1	1000
	Da	N.D.	PBBs	1	1000
200 C	Br		PBDEs	1	1000
M42878744-52	Pb	N.D.	Pb	١	1000
	Cd	N.D.	Cd	1	100
	Hg	N.D.	Hg	١	1000
	Cr	N.D.	Cr ⁶⁺	l.	1000
	Dr		PBBs	1	1000
	Br N.D.	PBDEs	\	1000	
M42878744-53	Pb	N.D.	Pb	\	1000
	Cd	N.D.	Cd	١	100
	Hg	N.D.	Hg	١	1000
8	Cr	N.D.	Cr ⁶⁺	١	1000
	Br N.D.		PBBs	١	1000
		PBDEs	\	1000	
M42878744-54	Pb	N.D.	Pb	1	1000
	Cd	N.D.	Cd	\	100
	Hg	N.D.	Hg	١	1000
	Cr	N.D.	Cr ⁶⁺	1	1000
	Br	N.D.	PBBs	1	1000
		N.D.	PBDEs	1	1000
M42878744-55	Pb	N.D.	Pb	1	1000
	Cd	N.D.	Cd	١	100
° " ©	Hg	N.D.	Hg	1	1000
0	Cr	N.D.	Cr ⁶⁺	1	1000
	Dr		PBBs	\	1000
	Br	N.D.	PBDEs	١	1000







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Test Result (Unit: mg/kg)

Sample No.	EDXRF			Chemical Testing		
Sample No.	Test Item	Results (1)	Test Item	Result ⁽²⁾	Limit	
M42878744-56	Pb	10.0	Pb	1	1000	
	Cd	N.D.	Cd	1	100	
	Hg	N.D.	Hg	1	1000	
\mathbf{O}	Cr	N.D.	Cr ⁶⁺	1	1000	
	Dr	ND	PBBs	1	1000	
200	Br N.D.	PBDEs	1	1000		
M42878744-57	Pb	N.D.	Pb	1	1000	
180	Cd	N.D.	Cd	1	100	
	Hg	N.D.	Hg	/	1000	
	Cr	N.D.	Cr ⁶⁺	/	1000	
	Br N.D.	PBBs	/	1000		
		PBDEs	\	1000		
M42878744-58	Pb	N.D.	Pb	/	1000	
and a second	Cd	N.D.	Cd	1	100	
	Hg	N.D.	Hg	١	1000	
and and	Cr	N.D.	Cr ⁶⁺	/	1000	
Canno	D-		PBBs	1	1000	
	Br N.D.	PBDEs	/	1000		
M42878744-59	Pb	N.D.	Pb	1	1000	
	Cd	N.D.	Cd	/	100	
	Hg	N.D.	Hg	/	1000	
	Cr	N.D.	Cr ⁶⁺	1	1000	
	Dr	N.D.	PBBs	/	1000	
	Br		PBDEs	\	1000	







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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 Cr6+.
 - (b) Results are obtained by EDXRF for primary screening, and further chemical testing, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013 (unit:mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	BL≤(70-3σ) <x<(130+3σ)≤ol< td=""><td>BL≤(70-3σ)<x<(130+3σ)≤ol< td=""><td>LOD<x<(150+3σ)≶ol< td=""></x<(150+3σ)≶ol<></td></x<(130+3σ)≤ol<></td></x<(130+3σ)≤ol<>	BL≤(70-3σ) <x<(130+3σ)≤ol< td=""><td>LOD<x<(150+3σ)≶ol< td=""></x<(150+3σ)≶ol<></td></x<(130+3σ)≤ol<>	LOD <x<(150+3σ)≶ol< td=""></x<(150+3σ)≶ol<>
Pb	BL≤(700-3σ) <x<(1300+3σ)≤ol< td=""><td>BL≤(700-3σ)<x<(1300+3σ)≤ol< td=""><td>BL≤(500-3σ)<x<(1500+3σ)≤ol< td=""></x<(1500+3σ)≤ol<></td></x<(1300+3σ)≤ol<></td></x<(1300+3σ)≤ol<>	BL≤(700-3σ) <x<(1300+3σ)≤ol< td=""><td>BL≤(500-3σ)<x<(1500+3σ)≤ol< td=""></x<(1500+3σ)≤ol<></td></x<(1300+3σ)≤ol<>	BL≤(500-3σ) <x<(1500+3σ)≤ol< td=""></x<(1500+3σ)≤ol<>
Hg	BL≪(700-3σ) <x<(1300+3σ)≪ol< td=""><td>BL≤(700-3σ)<x<(1300+3σ)≤ol< td=""><td>BL≤(500-3σ)<x<(1500+3σ)≤ol< td=""></x<(1500+3σ)≤ol<></td></x<(1300+3σ)≤ol<></td></x<(1300+3σ)≪ol<>	BL≤(700-3σ) <x<(1300+3σ)≤ol< td=""><td>BL≤(500-3σ)<x<(1500+3σ)≤ol< td=""></x<(1500+3σ)≤ol<></td></x<(1300+3σ)≤ol<>	BL≤(500-3σ) <x<(1500+3σ)≤ol< td=""></x<(1500+3σ)≤ol<>
Br	BL≤(300-3σ)<Χ		BL≪(250-3σ)<Χ
Cr	BL≪(700-3σ)<Χ	BL≤(700-3σ)<Χ	BL≪(500-3σ)<Χ

(c) OL=Over Limit, BL=Below Limit, IN=Inconclusive, LOD=Limit of Detection

(d) The XRF screening test for RoHs elements-The reading may be different to the actual content in the sample be of non-uniformity composition

(2) (a) mg/kg=ppm=0.0001%, N.D.= not detected(<MDL), — = not conducted, \= not available.

(b) Unit and Method Detection Limit (MDL) in wet chemical test

Test Items	Pb	
Units	mg/kg	
MDL	1	

The MDL for single compound of PBBs & PBDEs is 5 mg/kg

(c) Boiling water extraction test:

<0.10 µg/cm² expressed as "negative" results, indicates without hexavalent chromium in the plating

0.10 µg/cm²~0.13 µg/cm² expressed as "not confirmative", indicates that it can not be confirmative for the presence of hexavalent chromium in the plating, further test is needed.

>0.13 µg/cm² expressed as "positive", indicates that hexavalent chromium is detected in the plating.

Storage conditions and production date of the tested sample are unavailable and thus results of CrVI represent status of the sample at the time of testing.

(3) *According with the exemption list of EU RoHS Directive articles 6(c), Copper alloy containing no more than 4 % lead by weight.



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Test Report

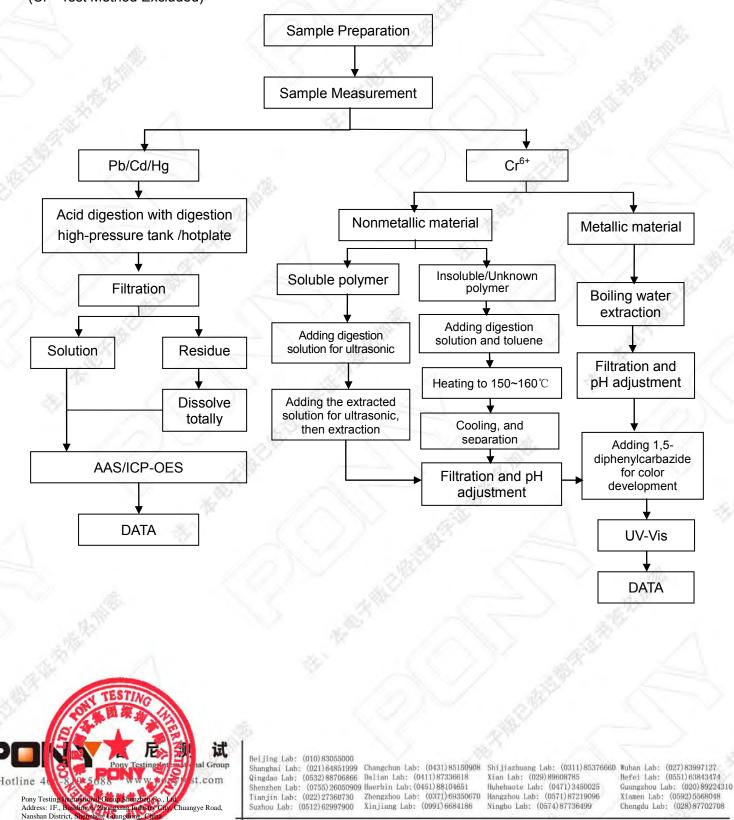
NO.: MMCU2QPM42878744 Date:

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Measurement Flow-chart Of Chemical Testing

Tested by: Liang ShikangChecked by: Yang XinPerson in charge of the lab by: Mao ZuqingThese Samples Were Dissolved Totally By Pre-conditioning Method According To Below Flow Chart.(Cr⁶⁺ Test Method Excluded)







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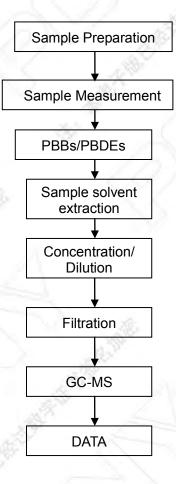
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Measurement Flow-chart

Tested by: Liu Jinjin

Checked by: Yang Xin

Person in charge of the lab by: Mao Zuqing





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Test Report



Sample Preparation Sample Measurement Cr⁶⁺ Pb/Cd/Hg Metallic material Deplating with Acid **Boiling water** Calculation of the Concentrated extraction deplated solutin quality of coating Filtration and pH adjustment Constant volume Adding 1,5diphenylcarbazide AAS/ICP-OES for color development DATA UV-Vis

DATA



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Sample No. & Photo:

M42878744



Pony authenticate the photo on original report only ***End of Report***



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