

RoHS Test Report

Report No. : AGC05443240501-001S2

SAMPLE NAME : Recycled ALU 8000mAh powerbank

MODEL NAME : MO2340

APPLICANT: MID OCEAN BRANDS B.V

STANDARD(S) : Please refer to the following page(s).

DATE OF ISSUE : May 12, 2025

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.





Applicant : MID OCEAN BRANDS B.V.

Address : Unit 711-716, 7/F., Tower A, 83 King Lam Street, Cheung Sha Wan, Kowloon, Hong

Kong.

Test Site : 6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street,

Bao'an District, Shenzhen, Guangdong, China

Report on the submitted sample(s) said to be:

Sample Name : Recycled ALU 8000mAh powerbank

Model : MO2340
Vendor code : 114538
Country of Origin : CHINA
Country of Destination : EUROPE

Sample Received Date : May 06, 2024(Test point:1 to 63)

Mar. 17, 2025(Test point:64) May 06, 2025(Test point:65)

Testing Period : May 06, 2024 to May 10, 2024(Test point: 1 to 63)

Mar. 17, 2025 to Mar. 18, 2025(Test point:64) May 06, 2025 to May 12, 2025(Test point:65)

Test Requested : Selected test(s) as requested by client.

Test Requested: Conclusion

2011/65/EU (RoHS) and its amendment directive (EU) 2015/863 - Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs, DBP, BBP, DEHP, DIBP

Pass

Report No.: AGC05443240501-001S2

Approved by:

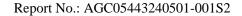
Suhongliang, Leon

Technical Director



Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	May 11, 2024	Invalid	Initial release
S1	Mar. 18, 2025	Invalid	Add test
S2	May 12, 2025	Valid	Add test, Modify Address

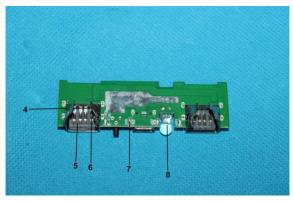


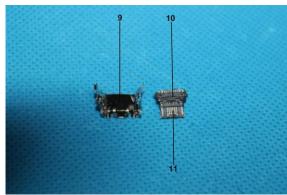


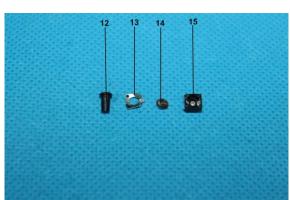
The photo of the sample

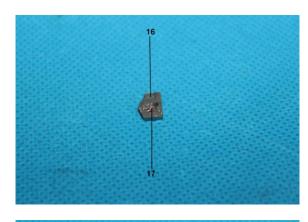


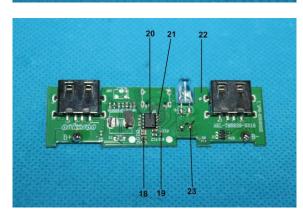


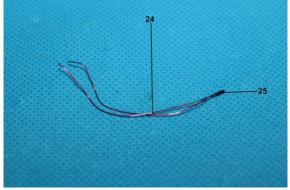


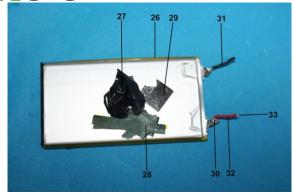


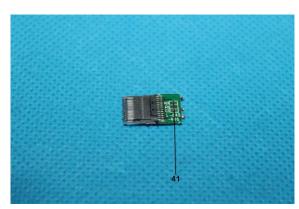


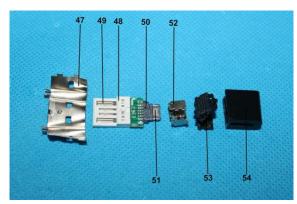


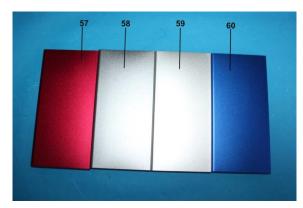


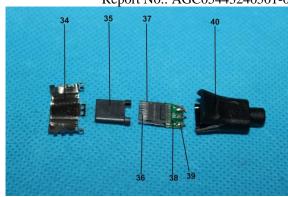


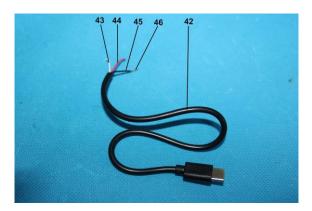


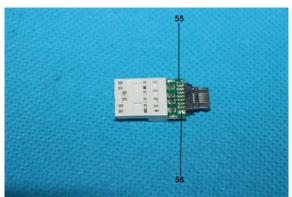








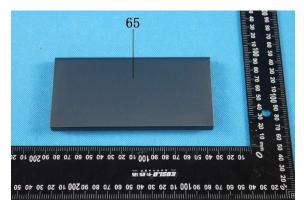




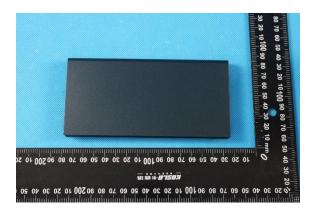


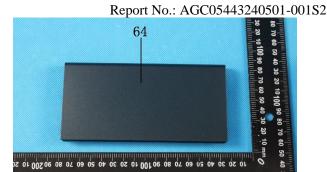




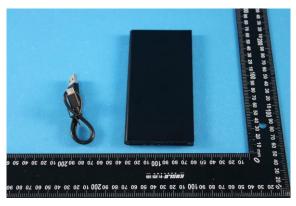






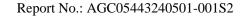


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The photo of AGC05443240501-001S2 is for use only with the original report.





Test point	Test module	Test parts	Test point description
1. Power Bar	nk Model: MO23	340 (Big)	
1			Black metallic shell
2		Outer shell	Black plastic shell
3			Black plastic sheet
4			USB metal device
5		USB device	Grey plastic joint
6			Metal pin
7			Chip LED
8			Transparent LED
9			Type-C metal connector
10		Type-C connector	Grey plastic joint
11			Metal pin
12			Black plastic button
13	Circuit board	Vov	Metallic shell
14	Circuit board	Key	Metallic shrapnel
15			Black plastic base
16		Inductance	Grey magnetic frame
17		inductance	Enameled wire
18			Chip capacitor
19			Chip resistor
20			IC body
21			Metallic pin with solder
22			PCB
23			Solder
24		Thermistor	Black thermistor
25		Thermistor	Enameled wire
26			Tan tape
27			Black tape
28			Barley paper
29		Battery	Black foam with glue
30		Dattery	Solder
31			Black wire jacket
32			Red wire jacket
33			Conductor
Type-C line			
34			Type-C metal plug
35			Grey plastic plug
36			Metal pin
37		Type-C plug	Metallic pogopin
38			PCB
39			Solder
40			Black handle



			Report No.: AGC05443240501-00182
41			Chip capacitor
42			Black outer wire jacket
43			White wire jacket
44		Wire rod	Red wire jacket
45			Black wire jacket
46			Conductor
USB Adapt	or		
47			USB metal plug
48			White plastic plug
49			Metal pin
50			Grey plastic plug
51			Metal pin
52			Type-C metal plug
53			Black inner glue
54			Black plastic handle
55			PCB
56			Solder
Difference		•	
57			Red metallic shell
58			Grey metallic shell
59			Silver metallic shell
60			Blue metallic shell
type-C Wh	ite Difference		
61		Type-C plug	White handle
62		Wire rod	White outer wire jacket
63			White plastic handle
64			Black green metallic shell
65		Outer shell	Grey metallic shell

Note: "---" = The test point exists alone in the sample and is not attached to the test module or test parts.



Note: N.D.=Not Detected (less than method detection limit), MDL = Method Detection Limit, 1mg/kg=0.0001%

2011/65/EU (RoHS) and its amendment directive (EU) 2015/863

- Pb, Cd, Hg, Cr⁶⁺, PBBs, PBDEs, DBP, BBP, DEHP, DIBP

Test Item	Test Method/ Instrument	MDL	Maximum Limit
Lead (Pb)		/	1000mg/kg
Cadmium (Cd)		/	100mg/kg
Mercury (Hg)	IEC 62321-3-1:2013/ XRF	/	1000mg/kg
Total Chromium		/	/
Total Bromine		/	/
Chemistry Method		•	
Lead (Pb)	IEC 62321-5:2013/ ICP-OES	2mg/kg	1000mg/kg
Cadmium (Cd)	IEC 62321-5:2013/ ICP-OES	2mg/kg	100mg/kg
Mercury (Hg)	IEC 62321-4: 2013+A1:2017/ ICP-OES	2mg/kg	1000mg/kg
Non-metal: Hexavalent Chromium (Cr ⁶⁺)	IEC 62321-7-2:2017/ UV-Vis	8mg/kg	1000mg/kg
Metal: Hexavalent Chromium (Cr ⁶⁺)	IEC 62321-7-1:2015/ UV-Vis	0.1μg/cm ²	/
-Monobromobiphenyl (MonoBB) -Dibromobiphenyl (DiBB) -Tribromobiphenyl (TriBB) -Tetrabromobiphenyl (TetraBB) -Pentabromobiphenyl (PentaBB) -Hexabromobiphenyl (HexaBB) -Heptabromobiphenyl (HeptaBB) -Octabromobiphenyl (OctaBB) -Nonabromodiphenyl (NonaBB) -Decabromodiphenyl (DecaBB)	IEC 62321-6:2015/ GC-MS	Single 5mg/kg	Sum 1000mg/kg
PolybrominatedDiphenylethers (PBDEs) -Monobromodiphenyl 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)	IEC 62321-6:2015/ GC-MS	Single 5mg/kg	Sum 1000mg/kg
Di-iso-butyl phthalate (DIBP)		50mg/kg	1000mg/kg
Dibutyl phthalate (DBP)		50mg/kg	1000mg/kg
Butylbenzyl phthalate (BBP)	IEC 62321-8:2017/ GC-MS	50mg/kg	1000mg/kg
Di-(2-ethylhexyl) Phthalate (DEHP)		50mg/kg	1000mg/kg



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	P	'b	BL	/	
	C	Cd	BL	/	
	H	[g	BL	/	
	Cr(C	Cr^{6+})	BL	/	
1	Br	PBBs	N/A	/	Conformity
_	DI	PBDEs BP	NT/A	/	
-		BP	N/A N/A	/	
-				/	
-		BP	N/A	/	
		HP	N/A	/	
		b	BL	/	
		Cd .	BL	/	
		[g	BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
2	Br	PBBs PBDEs	BL	/	Conformity
	DIBP		N/A	N.D.	
	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DEHP		N/A	N.D.	
		'b	BL	/	
		Ed .	BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
3	Br	PBBs PBDEs	BL	/	Conformity
	DIBP		N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		HP	N/A	N.D.	
		b	BL	/	
-		Ed .	BL	/	
		[g	BL	/	
		Cr ⁶⁺)		/	
-	Cr(C		BL	/	
4	Br PBBs PBDEs		N/A	/	Conformity
	DI	BP	N/A	/	
	D)	BP	N/A	/	
	Bl	BP	N/A	/	
	DE	НР	N/A	/	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	Pb		BL	/	
	(Cd Cd	BL	/	
		Ig	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
5	Br	PBBs	BL	/	Conformity
<i>J</i>	DI	PBDEs	DL	/	Comornity
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		HP	N/A	N.D.	
_		b	BL	/	
		Cd	BL	/	
		Ig	BL	/	
_	Cr(Cr ⁶⁺)	BL	/	
6	Br	PBBs	N/A	/	Conformity
_		PBDEs		/	comonniy
_	DIBP		N/A	/	
_	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
	Pb		BL	/	
	Cd		BL	/	
_	Hg		BL	/	
_	$Cr(Cr^{6+})$		BL	/	
7	Br	PBBs PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
	D	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	DE	НР	N/A	N.D.	
	F	b	BL	/	
	Cd		BL	/	
		Ig	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
8	Br	PBBs	IN	N.D.	Conformity
0	DI	PBDEs	IIN	N.D.	Conformity
Ī	DI	BP	N/A	N.D.	
Ţ	D	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	DE	ЕНР	N/A	N.D.	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	P	'b	BL	/	
	C	Cd	BL	/	
	H	[g	BL	/	
	Cr(0	Cr^{6+})	IN	N.D.	
0	D	PBBs	DT/A	/	G C :
9	Br	PBDEs	N/A	/	Conformity
	DI	BP	N/A	/	
	D)	BP	N/A	/	
	Bl	BP	N/A	/	
	DE	НР	N/A	/	
	P	b	BL	/	
	C	Cd .	BL	/	
	H	[g	BL	/	
	Cr(C	Cr ⁶⁺)	BL	/	
10		PBBs	DI	/	G 6 :
10	Br	PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DEHP		N/A	N.D.	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
11	Br	PBBs PBDEs	N/A	/	Conformity
	DI	BP	N/A	/	
	D)	BP	N/A	/	
		BP	N/A	/	
		HP	N/A	/	
		b	BL	/	
		Cd	BL	/	
		[g	BL	/	
		Cr^{6+})	BL	/	
12	Br	PBBs PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		HP	N/A	N.D.	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	F	Pb	BL	/	
	(Cd	BL	/	
	H	Ig	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
13	Br	PBBs	N/A	/	Conformity
13	Βľ	PBDEs	IN/A	/	Conformity
	DI	BP	N/A	/	
	D	BP	N/A	/	
	B	BP	N/A	/	
	DE	ЕНР	N/A	/	
	F	Pb	BL	/	
	(Cd	BL	/	
	F	Ig	BL	/	
	Cr(c	Cr ⁶⁺)	IN	N.D.	
.,		PBBs	27/4	/	Conformity
14	Br	PBDEs	N/A	/	
	DIBP		N/A	/	
	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
	Pb		BL	/	
	Cd		BL	/	
	Нд		BL	/	
	$Cr(Cr^{6+})$		BL	/	l
15	Br	PBBs PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		EHP	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
		Ig	BL	/	
		Cr ⁶⁺)	IN	N.D.	
16	Br	PBBs PBDEs	BL	/	Conformity
-	וח	BP	N/A	N.D.	
-		BP	N/A	N.D.	
-		BP	N/A N/A	N.D.	
-		CHP	N/A N/A	N.D.	



Test point	Tes	t Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
	Cr	(Cr ⁶⁺)	BL	/	
17	Br	PBBs PBDEs	BL	/	Conformity
	Г	DIBP	N/A	N.D.	
		OBP	N/A	N.D.	
	I	BBP	N/A	N.D.	
	D	ЕНР	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
		(Cr^{6+})	BL	/	
18	Br	PBBs PBDEs	BL	/	Conformity
	DIBP		N/A	N.D.	
	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DEHP		N/A	N.D.	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
	Cr(Cr ⁶⁺)		BL	/	
19	Br	PBBs PBDEs	BL	/	Conformity
	Г	DIBP	N/A	N.D.	
		OBP	N/A	N.D.	
		BBP	N/A	N.D.	
		ЕНР	N/A	N.D.	1
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
		(Cr^{6+})	BL	/	
20	PBBs PBBs		BL	/	Conformity
	Γ	PBDEs DIBP	N/A	N.D.	
)BP	N/A	N.D.	
ŀ		овг ВВР	N/A	N.D.	
		ББР ЕНР	N/A	N.D.	
	D	LHF	1N/A	IN.D.	



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Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	F	Pb	BL	/	
	(Cd	BL	/	
	Н	Ig	BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
21	Br	PBBs	N/A	/	Conformity
21	Di	PBDEs	IV/A	/	Comornity
		BP	N/A	/	
		BP	N/A	/	
		BP	N/A	/	
		EHP	N/A	/	
_		Pb Pb	BL	/	
		Cd	BL	/	
		Ig	BL	/	
_	Cr(C	Cr ⁶⁺)	BL	/	
22	Br	PBBs	IN	N.D.	Conformity
		PBDEs		N.D.	
_	DIBP		N/A	N.D.	
_	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DEHP		N/A	N.D.	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
23	Br	PBBs PBDEs	N/A	/	Conformity
	DI	BP	N/A	/	
	D.	BP	N/A	/	
	В	BP	N/A	/	
	DE	ЕНР	N/A	/	
	F	Pb	BL	/	
	C	Cd	BL	/	
	Е	Ig	BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
24	Br	PBBs PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
<u> </u>		BP	N/A	N.D.	
<u> </u>		BP	N/A	N.D.	
<u> </u>		EHP	N/A	N.D.	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	F	b	BL	/	
	C	Cd	BL	/	
	F	Ig	BL	/	
		Cr^{6+})	BL	/	
25		PBBs	DI	/	G C :
25	Br	PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
	D.	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	DE	ЕНР	N/A	N.D.	
	F	b	BL	/	
	(Cd	BL	/	
	Н	lg	BL	/	
		Cr^{6+})	BL	/	
26		PBBs	D.1	/	
26	Br	PBDEs	BL	/	Conformity
	DIBP		N/A	N.D.	
	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DEHP		N/A	N.D.	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
27	Br	PBBs PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		НР	N/A	N.D.	
		rb	BL	/	
		Cd	BL	/	1
_		Ig	BL	/	
		Cr^{6+}	BL	/	
28	Br	PBBs PBDEs	BL	/	Conformity
-	DI	BP	N/A	N.D.	l
-		BP	N/A	N.D.	
-		BP	N/A	N.D.	
+		CHP	N/A	N.D.	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	F	b	BL	/	
	(Cd	BL	/	
	F	Ig	BL	/	
	Cr(0	Cr^{6+})	BL	/	
20		PBBs	DI	/	G C :
29	Br	PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
	D.	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	DE	ЕНР	N/A	N.D.	
	F	Pb	BL	/	
	C	Cd	BL	/	
	Н	lg	BL	/	
		Cr ⁶⁺)	BL	/	
20		PBBs	27/4	/	Conformity
30	Br	PBDEs	N/A	/	
	DIBP		N/A	/	
	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
31	Br	PBBs PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		НР	N/A	N.D.	
		rb	BL	/	
		Ed .	BL	/	
		Ig	BL	/	
		Cr^{6+})	BL	/	
32	Br	PBBs PBDEs	BL	/	Conformity
-	DI	BP	N/A	N.D.	
-		BP	N/A	N.D.	
-		BP	N/A	N.D.	
-		CHP	N/A	N.D.	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	Pb		BL	/	
	(Cd	BL	/	
	H	Ig	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
33	Br	PBBs	N/A	/	Conformity
33	DI	PBDEs	IN/A	/	Comoning
	DI	BP	N/A	/	
	D	BP	N/A	/	
	B	BP	N/A	/	
	DE	EHP	N/A	/	
	F	Pb	BL	/	
	C	Cd	BL	/	
		Ig	BL	/	
	Cr($\mathbb{C}r^{6+}$)	IN	N.D.	
34	Br	PBBs	N/A	/	Conformity
34	DI	PBDEs	IN/A	/	
	DIBP		N/A	/	
	DBP		N/A	/	
	BBP		N/A	/	
	DE	ЕНР	N/A	/	
	F	P b	BL	/	
	Cd		BL	/	
	Hg		BL	/	
	Cr(Cr ⁶⁺)	BL	/	
35	Br	PBBs PBDEs	BL	/	Conformity
	DIBP		N/A	N.D.	
	DBP BBP		N/A	N.D.	
			N/A	N.D.	
		ЕНР	N/A	N.D.	
		Pb	BL	/	
	C	Cd	BL	/	
	Н	Ig	BL	/	
		Cr ⁶⁺)	BL	/	
36	Br	PBBs PBDEs	N/A	/	Conformity
-	וח	BP	N/A	/	
-		BP	N/A	/	
-		BP	N/A	/	
-		он СНР	N/A	/	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	Pb		BL	/	
	(Cd	BL	/	
	H	Ig	BL	/	
	Cr(Cr ⁶⁺)	IN	N.D.	
37	Br	PBBs	N/A	/	Conformity
37	DI	PBDEs	IN/A	/	Comorning
	DI	BP	N/A	/	
	D	BP	N/A	/	
	B	BP	N/A	/	
	DE	EHP	N/A	/	
	F	Pb	BL	/	
	(Cd	BL	/	
		Ig	BL	/	
	Cr($\mathbb{C}\mathrm{r}^{6+})$	BL	/	
38	Br	PBBs	- IN	N.D.	Conformity
36	Br	PBDEs		N.D.	
	DIBP		N/A	N.D.	
	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DE	ЕНР	N/A	N.D.	
	F	P b	BL	/	
	Cd		BL	/	
	Hg		BL	/	
	Cr(Cr ⁶⁺)	BL	/	
39	Br	PBBs PBDEs	N/A	/	Conformity
	DI	BP	N/A	/	
	DBP BBP		N/A	/	1
			N/A	/	
		ЕНР	N/A	/	
		P b	BL	/	
	C	Cd	BL	/	
40	F	Ig	BL	/	
		Cr ⁶⁺)	BL	/	
	Br	PBBs PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
-		EHP	N/A	N.D.	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	Pb		BL	/	
	(Cd Cd	BL	/	
		Ig	BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
41	Br	PBBs	DI	/	Conformity
41	Βľ	PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
	D	BP	N/A	N.D.	
	B	BP	N/A	N.D.	
	DE	CHP	N/A	N.D.	
	F	b	BL	/	
	C	Cd	BL	/	
	H	lg	BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
42	D	PBBs	DI	/	Conformity
42	Br	PBDEs	BL	/	
	DIBP		N/A	N.D.	
	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DEHP		N/A	N.D.	
	F	b	BL	/	
	C	Cd	BL	/	
	Hg		BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
43	Br	PBBs PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	l
	DBP		N/A	N.D.	
		BP	N/A	N.D.	
		НР	N/A	N.D.	
		b	BL	/	
		Cd	BL	/	
		Ig	BL	/	
		Cr^{6+}	BL	/	
44	Br	PBBs PBDEs	BL	/	Conformity
-	DI	BP	N/A	N.D.	
-		BP	N/A	N.D.	
-		BP	N/A	N.D.	
-		CHP	N/A	N.D.	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	F	P b	BL	/	
	(Cd	BL	/	
	I	Ig	BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
45		PBBs	DI	/	G C :
45	Br	PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
	D	BP	N/A	111	
	B	BP	N/A	N.D.	
	DE	ЕНР	N/A	N.D.	
	F	Pb	BL	/	
	C	Cd	BL	/	
	Н	Ig	BL	/	
		Cr ⁶⁺)	BL	/	
4.6		PBBs	27/4	/	Conformity
46	Br	PBDEs	N/A	/	
	DI	BP	N/A	/	
	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
		P b	BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
47	Br	PBBs PBDEs	N/A	/	Conformity
	DI	BP	N/A	/	
	DBP		N/A	/	
		BP	N/A	/	
		ЕНР	N/A	/	
		P b	BL	/	
		Cd	BL	/	
		Ig	BL	/	
		Cr ⁶⁺)	BL	/	
48	Br	PBBs PBDEs	BL	/	Conformity
-	DI	BP	N/A	N.D.	l
-		BP	N/A	N.D.	
-		BP	N/A	N.D.	
-		EHP	N/A	N.D.	



Test point	Tes	t Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
		Pb	BL	/	
	C		BL	/	
		Hg	BL	/	
	Cr	(Cr ⁶⁺)	BL	/	
49	Br	PBBs PBDEs	N/A	/	Conformity
	Г	DIBP	N/A	/	-
		OBP	N/A	/	-
		BBP	N/A	/	-
		ЕНР	N/A	/	-
		Pb	BL	/	
		Cd	BL	/	1
		Hg	BL	/	-
-		(Cr^{6+})	BL	/	
50	Br	PBBs PBDEs	BL	/	Conformity
	DIBP		N/A	N.D.	
-	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
-	DEHP		N/A	N.D.	
		Pb	BL	/	
-		Cd	BL	/	
-	Hg		BL	/	
-	Cr(Cr ⁶⁺)		BL	/	
51	Br	PBBs PBDEs	N/A	/	Conformity
	DIBP		N/A	/	
	DBP		N/A	/	
		BBP	N/A	/	1
	DEHP		N/A	/	
		Pb	BL	/	
		Cd	BL	/	1
		Hg	BL	/	1
		(Cr^{6+})	IN	N.D.	1
52	Br PBBs PBDEs		N/A	/	Conformity
	Γ	OIBP	N/A	/	ı
-)BP	N/A	/	1
-		BBP	N/A	/	1
-		EHP	N/A	/	-
	D		1 1/ / 1	,	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	F	P b	BL	/	
	C	Cd	BL	/	
	H	Ig	BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
52		PBBs	DI	/	G C :
53	Br	PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
	D.	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	DE	ЕНР	N/A	N.D.	
	F	Pb	BL	/	
	C	Cd	BL	/	
	Н	Ig	BL	/	
		Cr ⁶⁺)	BL	/	
T		PBBs	D.1	/	Conformity
54	Br	PBDEs	BL	/	
	DIBP		N/A	N.D.	
	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DEHP		N/A	N.D.	
	F	P b	BL	/	
	C	Cd	BL	/	
	Hg		BL	/	
	Cr(0	Cr^{6+})	BL	/	
		PBBs		N.D.	~ ^ .
55	Br PBDEs		IN	N.D.	Conformity
	DI	BP	N/A	N.D.	
	D	BP	N/A	N.D.	
		BP	N/A	N.D.	
	DEHP		N/A	N.D.	
		P b	BL	/	
		Cd	BL	/	
		Ig	BL	/	
		Cr ⁶⁺)	BL	/	
<u>, , , , , , , , , , , , , , , , , , , </u>		PBBs		/	G 2 :
56	Br	PBDEs	N/A	/	Conformity
<u> </u>	DI	BP	N/A	/	
		BP	N/A	/	
		BP	N/A	/	
		EHP	N/A	/	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
]	Pb	BL	/	
	(Cd	BL	/	
		Нg	BL	/	
		Cr ⁶⁺)	BL	/	
		PBBs	27/4	/	
57	Br	PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
	D	BP	N/A	/	
	В	BP	N/A	/	
	Dl	ЕНР	N/A	/	
]	Pb	BL	/	
	(Cd	BL	/	
]	Нg	BL	/	
		Cr ⁶⁺)	BL	/	
50		PBBs	N/A	/	Conformity
58	Br	PBDEs		/	
	DIBP		N/A	/	
	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
]	Pb	BL	/	
	(Cd	BL	/	
	Hg		BL	/	
		Cr ⁶⁺)	BL	/	
5 0	р	PBBs	2.7/	/	
59	Br PBDEs		N/A	/	Conformity
	DIBP		N/A	/	
	DBP		N/A	/	
	В	BP	N/A	/	
	Dl	ЕНР	N/A	/	
]	Pb	BL	/	
	(Cd	BL	/	
]	Hg	BL	/	
		Cr ⁶⁺)	BL	/	
(0)		PBBs		/	G 6 :
60	Br	PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
		BP	N/A	/	
		BP	N/A	/	
		ЕНР	N/A	/	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	F	b	BL	/	
	(Cd	BL	/	
	H	Ig	BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
61	Br	PBBs	BL	/	Conformity
01	DI	PBDEs	DL	/	Comoning
	DI	BP	N/A	N.D.	
	D.	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	DE	EHP	N/A	N.D.	
	F	Pb	BL	/	
	C	Cd	BL	/	
		Ig	BL	/	
	Cr(0	$\mathbb{C}r^{6+}$)	BL	/	
62	Br	PBBs	BL	/	Conformity
02	Br	PBDEs	DL	/	Conformity
	DIBP		N/A	N.D.	
	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DEHP		N/A	N.D.	
	F	P b	BL	/	
	(Cd	BL	/	
	Hg		BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
63	Br	PBBs PBDEs	BL	/	Conformity
	DIBP		N/A	N.D.	
	D.	BP	N/A	N.D.	
	BBP		N/A	N.D.	
		ЕНР	N/A	N.D.	
		P b	BL	/	
	C	Cd	BL	/	
	H	Ig	BL	/	
64		Cr ⁶⁺)	BL	/	
	Br	PBBs PBDEs	N/A	/	Conformity
-	DI	BP	N/A	/	
-		BP	N/A	/	
-		BP	N/A	/	
-		EHP	N/A	/	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
		Pb	BL	/	
		Cd	BL	/	
	Hg		BL	/	
	Cr(Cr ⁶⁺)		BL	/	
65	Br	PBBs	N/A	/	Conformity
03		PBDEs		/	
	D	IBP	N/A	/	
	D	BP	N/A	/	
	В	BP	N/A	/	
	Dl	ЕНР	N/A	/	

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ <x <130+3σ≤OL</x 	BL≤70-3σ <x <130+3σ≤OL</x 	BL≤50-3σ <x <150+3σ≤OL</x
Pb	mg/kg	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤500-3σ <x <1500+3σ≤OL</x
Hg	mg/kg	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤700-3σ <x <1300+3σ≤OL</x 	BL≤500-3σ <x <1500+3σ≤OL</x
Cr	mg/kg	BL≤700-3σ <x< td=""><td>BL≤700-3σ<x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<></td></x<>	BL≤700-3σ <x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<>	BL≤500-3σ <x< td=""></x<>
Br	mg/kg	BL≤300-3σ <x< td=""><td>N/A</td><td>BL≤250-3σ<x< td=""></x<></td></x<>	N/A	BL≤250-3σ <x< td=""></x<>

Remark:

- (1) BL= Below Limit, OL= Over limited, IN = Inconclusive, Scanning by XRF and detected by chemical method, N/A = Not applicable.
- (2) Results were obtained by XRF for primary scanning, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the above warning value.
- (3) The XRF scanning test for RoHS elements The reading may be different to the actual content in the sample be of non-uniformity composition.
- (4) Boiling-water-extraction:(X represents the results of the tested sample)

Number	Colorimetric result (Cr(VI) concentration)	Judgement
1	$X < 0.1 \mu g/cm^2$	Negative
2	$0.1 \mu g/cm^2 \le X \le 0.13 \mu g/cm^2$	Uncertainty
3	$X>0.13\mu g/cm^2$	Positive

Negative indicates the absence of Cr(VI) on the tested areas concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating.

Uncertainty indicates the absence of Cr(VI) on the tested areas unavoidable coating variations may influence the determination.

Positive indicates the presence of Cr(VI) on the tested areas concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).

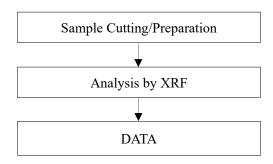
Storage conditions and production date of the tested sample are unavailable and thus result of Cr(VI) represent status of the sample at the time of testing.



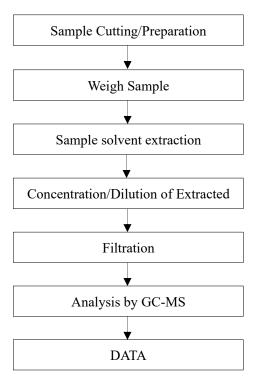
(5) This XRF Scanning report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF scanning report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

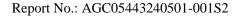
Test Flow Chart of XRF



Test Flow Chart of Phthalates

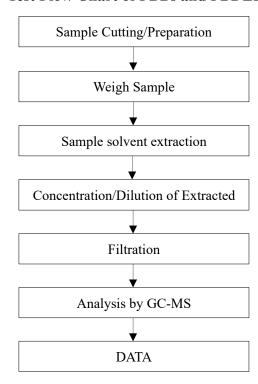


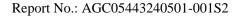
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.





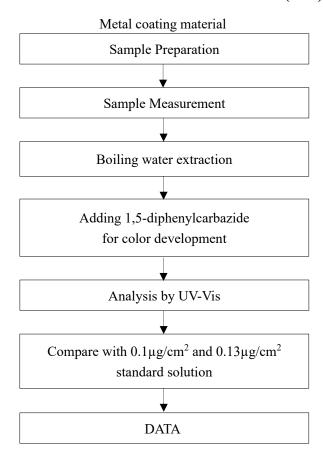
Test Flow Chart of PBBs and PBDEs

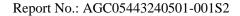






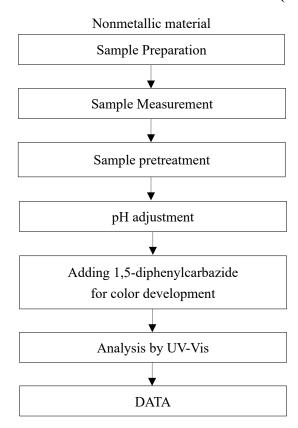
Test Flow Chart of Hexavalent Chromium (Cr6+)







Test Flow Chart of Hexavalent Chromium (Cr6+)





Conditions of Issuance of Test Reports

- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
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- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
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- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

*** End of Report ***