

RoHS Test Report

Report No. : AGC05443240502-001

SAMPLE NAME : Aluminium power bank 2600mAh

MODEL NAME : MO2374

APPLICANT: MID OCEAN BRANDS B.V

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

DATE OF ISSUE : May 11, 2024

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





Applicant : MID OCEAN BRANDS B.V

Address : 7/F, Kings Tower, 111 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 : Aluminium power bank 2600mAh

Model : MO2374

Vendor code : 114538

Country of Origin : CHINA

Country of Destination : EUROPE

Sample Received Date : May 06, 2024

Testing Period : May 06, 2024 to May 10, 2024

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.: AGC05443240502-001

Approved by: Len

Suhongliang, Leon

Technical Director



May 11, 2024

		Report Revise Record	
Report Version	Issued Date	Valid Version	Notes

Valid

Report No.: AGC05443240502-001

Initial release

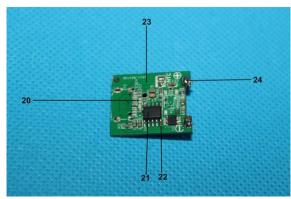


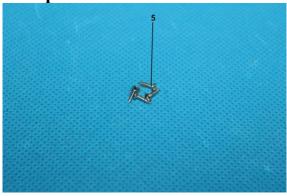
The photo of the sample

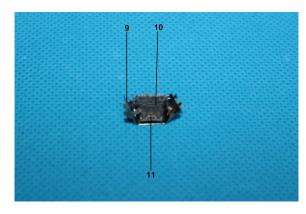


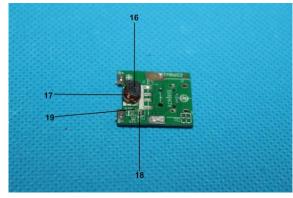


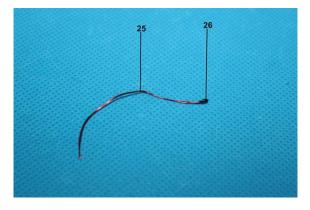




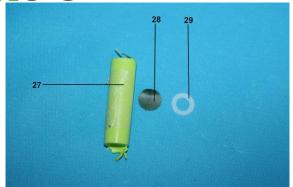


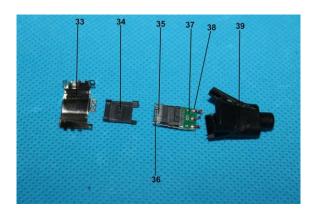


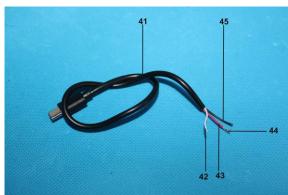


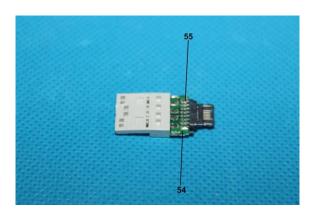


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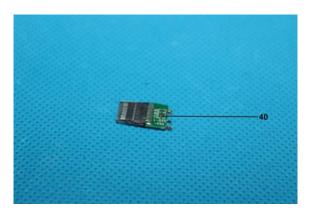


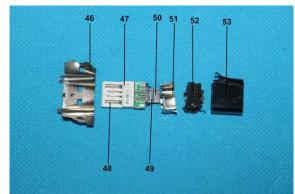


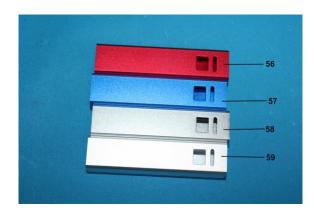






















The photo of AGC05443240502-001 is for use only with the original report.

Test Point Description

Test point	Test module	Test parts	Test point description
Aluminium p	ower bank 2600mAh	Model: MO2374	
1			Black metallic shell
2		Outer shell	Plastic button with plating
3		Outer shell	Black plastic sheet
4			Black plastic shell
5			Silver screw
6			USB metal device
7		USB device	White plastic joint
8			Metal pin
9		Type-C connector	Type-C metal connector
10			Grey plastic joint
11	Circuit board		Metal pin
12	_ Circuit board		Black plastic button
13		Key	Metallic shell
14		Key	Metallic shrapnel
15			Black plastic base
16		Magnetic frame	Black magnetic frame
17		inductance	Enameled wire



			Report No.: AGC05443240502-001
18			Chip capacitor
19			Chip resistor
20			Chip LED
21			IC body
22			Metallic pin with solder
23			PCB
24			Solder
25		T1 ' 4	Black thermistor
26		Thermistor	Enameled wire
27			Green bushing
28		_	Barley paper
29			White plastic sheet
30		Battery	Black wire jacket
31			Red wire jacket
32			Conductor
Type-C line			
33			Type-C metal plug
34		-	Grey plastic plug
35		=	Metal pin
36		_	Metallic pogopin
37		Type-C plug	PCB
38		=	Solder
39		_	Black handle
40		_	Chip capacitor
41			Black outer wire jacket
42		_	White wire jacket
43		Wire rod	Red wire jacket
44			Conductor
45			Black wire jacket
USB Adapto)r		Zimon mie javnes
46			USB metal plug
47			White plastic plug
48			Metal pin
49			Grey plastic plug
50			Metal pin
51			Type-C metal plug
52			Black inner glue
53			Black plastic handle
54			PCB
55			Solder
Difference	<u> </u>	_	Soluci
56	T		Red metallic shell
57			Blue metallic shell
58			Grey metallic shell
20			Ofey metanic shen



59			Silver metallic shell
type-C线 WI	hite Difference		
60		Type-C plug	White handle
61		Wire rod	White outer wire jacket
62			White plastic handle

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



		Item	Spectrometry (XRF) mg/kg	Method mg/kg	Conclusion
	Pb		BL	/	
	(Cd	BL	/	
		Ig	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
1	Br	PBBs PBDEs	N/A	/	Conformity
	DI	BP	N/A	/	
		BP	N/A	/	
		BP	N/A	/	
		ЕНР	N/A	/	
	F	Ъ	BL	/	
-		Cd	BL	/	
	H	Ig	BL	/	
		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.	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
3	Br	PBBs PBDEs	BL	/	Conformity
	DI	BP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
	DEHP		N/A	N.D.	l
		Pb	BL	/	
		Cd Cd	BL	/	
		Ig	BL	/	
		Cr^{6+})	BL	/	
4	Br PBBs PBDEs		BL	/	Conformity
<u> </u>	וח	BP	N/A	N.D.	
		BP	N/A N/A	N.D.	
		BP	N/A N/A	N.D.	
		СНР	N/A N/A	N.D.	



Test point	Test Item		X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Cos443240502-0
	Pb		BL	/	
		Cd	BL	/	
		Hg	BL	/	
	Cr((Cr ⁶⁺)	BL	/	
5	Br	PBBs PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
		OBP	N/A	/	
		BP	N/A	/	
		ЕНР	N/A	/	
		Pb	BL	/	
		Cd	BL	/	
]	Hg	BL	/	
		(Cr^{6+})	BL	/	
6	Br	PBBs PBDEs	N/A	/	Conformity
	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
	D	IBP	N/A	N.D.	
)BP	N/A	N.D.	
		BP	N/A	N.D.	
		ЕНР	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
8		(Cr^{6+})	BL	/	
	Br PBBs 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	C05443240502-0 Conclusion
	Pb		BL	/	
		Cd	BL	/	
		Hg	BL	/	
		(Cr^{6+})	BL	/	
		PBBs	27/4	/	
9	Br	PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
	Γ)BP	N/A	/	
	E	BBP	N/A	/	
	D	ЕНР	N/A	/	
		Pb	BL	/	
	ı	Cd	BL	/	
]	Hg	BL	/	
	Cr((Cr^{6+})	BL	/	
10		PBBs	BL	/	Conformity
10	Br	PBDEs		/	
	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	/	
1.1	Br PBBs PBDEs		N/A	/	
11				/	Conformity
	D	IBP	N/A	/	
	Γ	OBP	N/A	/	
	Е	BBP	N/A	/	
	D	ЕНР	N/A	/	
		Pb	BL	/	
	(Cd	BL	/	
]	Hg	BL	/	
		$\overline{(Cr^{6+})}$	BL	/	
12		PBBs		/	G 6 :
12	Br PBDEs		BL	/	Conformity
	D	DIBP	N/A	N.D.	
		DBP	N/A	N.D.	
		BBP	N/A	N.D.	
		ЕНР	N/A	N.D.	



Test point	Test Item		X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	C05443240502-00
	Pb		BL	/	
	(Cd	BL	/	
]	Hg	BL	/	
	Cr((Cr ⁶⁺)	BL	/	
13	Br	PBBs PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
)BP	N/A	/	
		BBP	N/A	/	
	D	ЕНР	N/A	/	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
		(Cr ⁶⁺)	IN	N.D.	
14	Br	PBBs PBDEs	N/A	/	Conformity
	DIBP		N/A	/	
	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$\operatorname{Cr}(\operatorname{Cr}^{6^+})$		BL	/	
15	Br	PBBs PBDEs	BL	/	Conformity
	D	IBP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		EHP	N/A	N.D.	
		 Pb	BL	/	
		Cd	BL	/	
	Hg		BL	/	
		(Cr ⁶⁺)	BL	/	
16	Br	PBBs PBDEs	BL	/	Conformity
-	D	IBP	N/A	N.D.	
-)BP	N/A	N.D.	
-		BBP	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	C05443240502-00
	I	Pb	BL	/	
	(Cd	BL	/	
	F	Hg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
17	Br	PBBs PBDEs	BL	/	Conformity
	D	IBP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		ЕНР	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
		łg	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
	D	IBP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		EHP	N/A	N.D.	
		2b	BL	/	
		Cd	BL	/	
	Hg		BL	/	
		Cr ⁶⁺)	BL	/	
20	Br	PBBs PBDEs	BL	/	Conformity
 	D.	IBP	N/A	N.D.	
<u> </u>		BP	N/A	N.D.	
<u> </u>		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	C05443240502-00
	I	P b	BL	/	
	(Cd	BL	/	
	ŀ	łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
21	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 Cd	BL	/	
			BL	/	
		Cr ⁶⁺)	BL	/	
22	Br	PBBs PBDEs	N/A	/	Conformity
_	DIBP		N/A	/	
	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
23	Br	PBBs PBDEs	IN	N.D. N.D.	Conformity
	Dl	BP	N/A	N.D.	
	DBP		N/A	N.D.	
		BP	N/A	N.D.	
	DEHP		N/A	N.D.	
		Pb	BL	/	
_		Cd	BL	/	
		Ig	BL	/	
-			BL	/	
24	$ \begin{array}{c c} Cr(Cr^{6^+}) \\ Br & PBBs \\ \hline & PBBF \end{array} $		N/A	/	Conformity
		PBDEs		/	Comorning
		BP	N/A	/	
		BP	N/A	/	
		BP	N/A	/	
	DE	EHP	N/A	/	



Test point	Test Item		X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	C05443240502-0 Conclusion
	Pb		BL	/	
		Cd	BL	/	
		Hg	BL	/	
	Cr((Cr ⁶⁺)	BL	/	
25	Br	PBBs PBDEs	BL	/	Conformity
_	D	IBP	N/A	N.D.	
)BP	N/A	N.D.	
	В	BBP	N/A	N.D.	
	D:	ЕНР	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
]	Hg	BL	/	
		(Cr^{6+})	BL	/	
26	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	/	
27	Br	PBBs PBDEs	BL	/	Conformity
_	D	IBP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		ЕНР	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
-]	Hg	BL	/	
		(Cr ⁶⁺)	BL	/	
28	Br PBBs PBDEs		BL	/	Conformity
	D	IBP	N/A	N.D.	
)BP	N/A	N.D.	
		BP	N/A	N.D.	
		ЕНР	N/A	N.D.	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	C05443240502-00
	I	Pb	BL	/	
	(Cd	BL	/	
		łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
29	Br	PBBs PBDEs	BL	/	Conformity
_	Di	IBP	N/A	N.D.	
		BP	N/A	N.D.	
_		BP	N/A	N.D.	
_		ЕНР	N/A	N.D.	
		Pb	BL	/	
_		Cd	BL	/	
-		Ig	BL	/	
		Cr ⁶⁺)	BL	/	
30		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	/	
	Нд		BL	/	
	$Cr(Cr^{6+})$		BL	/	
31	Br	PBBs PBDEs	BL	/	Conformity
	DIBP		N/A	N.D.	
	DBP		N/A	N.D.	
		BP	N/A	N.D.	
		EHP	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
	Hg		BL	/	
		Cr ⁶⁺)	BL	/	
32	Br	PBBs PBDEs	N/A	/	Conformity
-	D.	IBP	N/A	/	
-		BP	N/A	/	
-		BP	N/A N/A	/	
-		EHP	N/A N/A	/	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	C05443240502-00
]	Pb	BL	/	
	(Cd	BL	/	
	I	Hg	BL	/	
	Cr(Cr ⁶⁺)	IN	N.D.	
33	Br	PBBs PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
		BP	N/A	/	
		BP	N/A	/	
		EHP	N/A	/	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
		Cr ⁶⁺)	BL	/	
34	Br	PBBs	BL	/	Conformity
		PBDEs	27/1	/	•
_	DIBP		N/A	N.D.	
_	DBP		N/A	N.D.	
_	BBP		N/A	N.D.	
		EHP	N/A	N.D.	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
35	Br	PBBs PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
	DBP		N/A	/	1
	BBP		N/A	/	
		ЕНР	N/A	/	
		Pb	BL	/	
	(Cd	BL	/	
		Hg	BL	/	
	Cr(Cr ⁶⁺)	IN	N.D.	
36	Br	PBBs PBDEs	N/A	/	Conformity
_	D	IBP	N/A	/	
_		BP	N/A	/	
-				/	
_		BP EHP	N/A N/A	1	



Test point	Tes	t Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	C05443240502-0
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
	Cr	(Cr ⁶⁺)	BL	/	
37	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.	
		Pb	BL	/	
-		Cd	BL	/	
		Hg	BL	/	
-		$\overline{(Cr^{6+})}$	BL	/	
38	Br	PBBs PBDEs	N/A	/	Conformity
	DIBP		N/A	/	
-	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
		Pb	BL	/	
-	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
39	Br	PBBs PBDEs	BL	/	Conformity
-	Г	DIBP	N/A	N.D.	
-		OBP	N/A	N.D.	
		BBP	N/A	N.D.	
		EHP	N/A	N.D.	
		Pb	BL	/	
-		Cd	BL	/	
		Hg	BL	/	
		(Cr^{6+})	BL	/	
40	Br	PBBs PBDEs	BL	/	Conformity
-	Γ	OIBP	N/A	N.D.	
-)BP	N/A	N.D.	
-		BBP	N/A N/A	N.D.	
-			N/A N/A	N.D.	
	DEHP		IN/A	N.D.	



Test point		Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	C05443240502-00
	I	Pb	BL	/	
	(Cd	BL	/	
	F	łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
41	Br	PBBs PBDEs	BL	/	Conformity
	D	BP	N/A	N.D.	
		BP	N/A	N.D.	
		BP	N/A	N.D.	
		EHP	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
		I g	BL	/	
		- <u>s</u> Cr ⁶⁺)	BL	/	
42		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	/	
43	Br	PBBs PBDEs	BL	/	Conformity
	DIBP DBP BBP		N/A	N.D.	
			N/A	N.D.	
			N/A	N.D.	
		EHP	N/A	N.D.	
		Pb	BL	/	
		Cd Cd	BL	/	
		łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
44	Br	PBBs PBDEs	N/A	/	Conformity
	ות	BP	N/A	/	
		BP	N/A	/	
<u> </u>		BP	N/A N/A	/	
-		EHP	N/A N/A	/	



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	/	
45	Br	PBBs PBDEs	BL	/	Conformity
	D	IBP	N/A	N.D.	
)BP	N/A	N.D.	
		BBP	N/A	N.D.	
		EHP	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
		(Cr^{6+})	BL	/	
46	Br	PBBs PBDEs	N/A	/	Conformity
	DIBP		N/A	/	
	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
		Pb	BL	/	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
47	Br	PBBs PBDEs	BL	/	Conformity
	D	·IBP	N/A	N.D.	
	DBP		N/A	N.D.	
		BBP	N/A	N.D.	
		ЕНР	N/A	N.D.	
		Pb	BL	/	
-		Cd	BL	/	
		Hg	BL	/	
		(Cr ⁶⁺)	BL	/	
48	Br	PBBs PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	_
)BP	N/A	/	
		BBP	N/A	/	
		EHP	N/A	/	
	υ.	L111	1 1/11	I	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	C05443240502-00
	F	' b	BL	/	
	(Cd	BL	/	
	ŀ	Ig	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
49	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	/	
		I g	BL	/	
		Cr ⁶⁺)	BL	/	
50		PBBs PBDEs	N/A	/	Conformity
	DIBP		N/A	/	
_	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
		Pb	BL	,	
	Cd		BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		IN	N.D.	
51	Br	PBBs PBDEs	N/A	/	Conformity
	DIBP		N/A	/	
	DBP		N/A	/	
		BP	N/A	/	
		EHP	N/A	/	
		Pb	BL	,	
-			BL	/	
	Cd Hg		BL	/	
	Cr()	Cr^{6+})	BL	/	
52	Br	PBBs	BL	/	Conformity
-	וח	PBDEs	NT/A	*	,
<u> </u>		BP	N/A	N.D.	
_		BP	N/A	N.D.	
_		BP EHP	N/A N/A	N.D.	



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Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	C05443240502-00
]	Pb	BL	/	
	(Cd	BL	/	
]	Hg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
57	Br	PBBs PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
		BP	N/A	/	
		BP	N/A	/	
		ЕНР	N/A	/	
		Pb	BL	/	
		 C d	BL	/	
		Hg	BL	/	
		Cr ⁶⁺)	BL	/	
58	Br	PBBs PBDEs	N/A	/	Conformity
	DIBP		N/A	/	
	DBP		N/A	/	
	BBP		N/A	/	
	DEHP		N/A	/	
		Pb	BL	/	
		Cd	BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
59	Br	PBBs PBDEs	N/A	/ /	Conformity
	DIBP		N/A	/	
	DBP		N/A	/	
		BP	N/A	/	
	DEHP		N/A	/	
		Pb	BL	/	
		C d	BL	/	
	Hg		BL	/	
	$Cr(Cr^{6+})$		BL	/	
60	Br	PBBs PBDEs	BL	/	Conformity
-	D	IBP	N/A	N.D.	
<u> </u>		BP	N/A	N.D.	
<u> </u>		BP	N/A	N.D.	
-		ЕНР	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	/	
	Н	[g	BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
<i>C</i> 1	D.,	PBBs	DI	/	C C : L -
61	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	/	
	Нд		BL	/	
	Cr(0	Cr ⁶⁺)	BL	/	
62	D.	PBBs	DI	/	Conformity
02	Br PBDEs		BL	/	Conformity
	DI	BP	N/A	N.D.	
	D	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	DF	HP	N/A	N.D.	

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
Нд	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
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	•	Report No.: AGC05443240502-001
1	$X \le 0.1 \mu g/cm^2$	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.

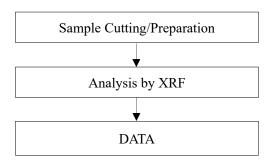
Uncertainty indicates the absence of Cr(VI) on the tested areas unavoidable coating variations may influence the determination.

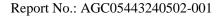
Positive indicates the presence of Cr(VI) on the tested areas concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).

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.

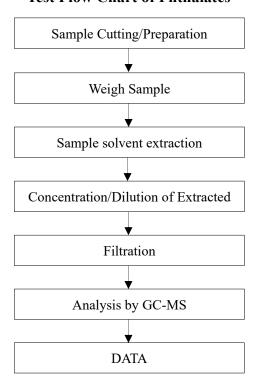
Test Flow Chart of XRF

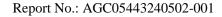






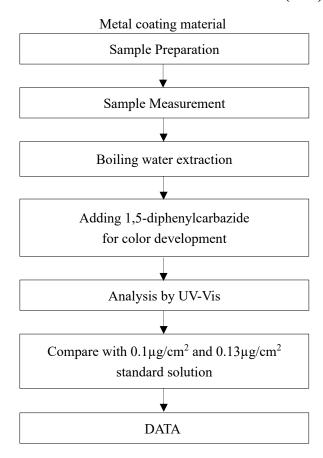
Test Flow Chart of Phthalates

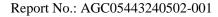






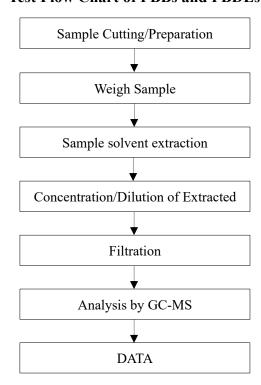
Test Flow Chart of Hexavalent Chromium (Cr6+)







Test Flow Chart of PBBs and PBDEs





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.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 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.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations. 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 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 ***