

Test Report

Report No. : AGC05443240934-001

SAMPLE NAME : Power bank bamboo

MODEL NAME : MO9673

APPLICANT: MID OCEAN BRANDS B.V.

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

DATE OF ISSUE : Sep. 27, 2024

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





Report No.: AGC05443240934-001 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 Power bank bamboo

Model MO9673 Vendor code 114538 Country of Origin **CHINA** Country of Destination **EUROPE** Sample Received Date Sep. 13, 2024

Testing Period Sep. 13, 2024 to Sep. 26, 2024

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

Conclusion **Test Requested:**

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

Pass

Regulation (EU) 2019/1021 on persistent organic pollutants (POPs)

- Pentachlorophenol (PCP) Content

Pass

Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 77

- Formaldehyde Release

Pass

Approved by: Leon

Suhongliang, Leon

Technical Director



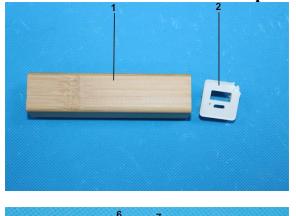
Report Revise Record

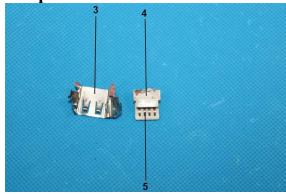
Report No.: AUC03443240934-001	Report No.:	AGC05443240934-001
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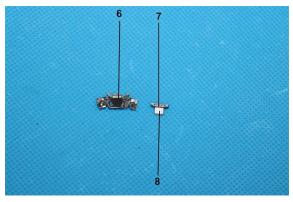
Report Version	Issued Date	Valid Version	Notes
/	Sep. 27, 2024	Valid	Initial release

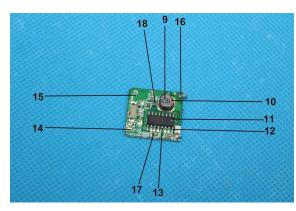


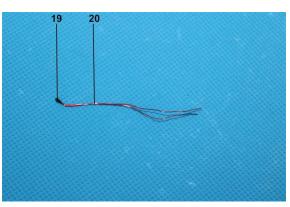
The photo of the sample

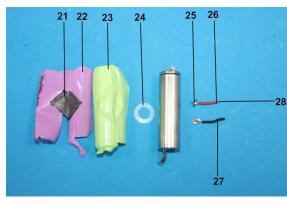


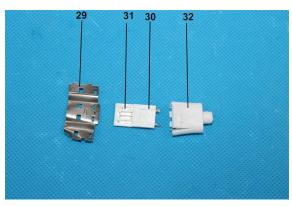


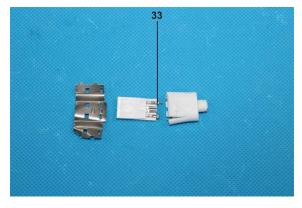




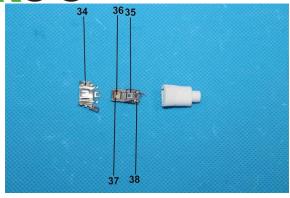


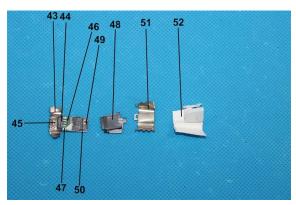
















The photo of AGC05443240934-001 is for use only with the original report.

Test Point Description

	Test Folia Description						
Test point	Test module	Test parts	Test point description				
Power bank b	amboo Model: M096	573					
1		Outer shell	Wooden bamboo shell				
2		Outer shell	White plastic shell				
3			USB metal device				
4		USB device	White plastic joint				
5			Metal pin				
6			Micro metal connector				
7	Circuit board	Micro connector	Grey plastic joint				
8			Metal pin				
9		Magnetic frame	Black magnetic frame				
10		inductance	Enameled wire				
11			IC body				
12		IC	Solder at the pins				
13			Metal pin				
14			Chip LED				
15			PCB				
16			Solder				
17			Chip capacitor				



		Report No.: 110C05445240754-001
18		Chip resistor
19	 Thermistor	Black thermistor body
20	 Thermistor	Enameled wire
21		Black foam with glue
22		Purple bushing
23		Green bushing
24	 D-#	White plastic sheet
25	 Battery	Solder
26		Red wire jacket
27		Black wire jacket
28		Conductor
USB cable		
29		USB metal plug
30		White plastic plug
31	 USB plug	Metal pin
32		White handle
33		Solder
34		Micro metal plug
35		Grey plastic plug
36	 Micro plug	Metal pin
37		Metallic pogopin
38		Solder
39		White outer wire jacket
40	 Wire rod	Black wire jacket
41	 wire rod	Red wire jacket
42		Conductor
43		Micro metal plug
44		Grey plastic plug
45		Metal pin
46		PCB
47	 A 14	Solder
48	 Adaptor	Grey plastic plug
49		Metal pin
50		Metallic pogopin
51		Type-C metal plug
52		White plastic handle
1-1	 	Wooden bamboo 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% Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019/CNAS-GL015:2022.

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		I	
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
	Pb		BL	/	
		Cd	BL	/	
	-	Hg	BL	/	
	Cr((Cr ⁶⁺)	BL	/	
1	Br	PBBs	BL	/	Conformity
1		PBDEs		/	Comoning
		IBP	N/A	N.D.	
	Γ	BP	N/A	N.D.	
	E	BBP	N/A	N.D.	
	D	ЕНР	N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
	Cr	(Cr ⁶⁺)	BL	/	
2	Br	PBBs	TN I	N.D.	Conformity
2		PBDEs	IN	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	/	
		PBBs	27/4	/	
3	Br PBDEs		N/A	/	Conformity
	D	IBP	N/A	/	
	Γ	OBP	N/A	/	
	E	BBP	N/A	/	
	D	ЕНР	N/A	/	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
		(Cr^{6+})	BL	/	
,		PBBs		/	C C :
4	Hr Hr	PBDEs	BL	/	Conformity
	D	IBP	N/A	N.D.	
)BP	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	Report No.: AGO Wet Chemistry Method mg/kg	Conclusion
		Pb	BL	/	
		Cd	BL	/	
		-Ig	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
5	Br	PBBs PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
	D	BP	N/A	/	
	В	BP	N/A	/	
	Dl	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	/	
			BL	/	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
-	Cr(Cr ⁶⁺)		BL	/	
7	Br	PBBs	BL	/	Conformity
		PBDEs	NT/A	N.D.	
_		IBP DD	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(Cr ⁶⁺)	BL	/	
8	Br	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
]	Pb	BL	/	
	(Cd	BL	/	
	I	łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
9	Br	PBBs	BL	/	Conformity
,		PBDEs		/	comorning
		IBP	N/A	N.D.	
	D	BP	N/A	N.D.	
		BP	N/A	N.D.	
	DI	EHP	N/A	N.D.	
]	Pb	BL	/	
	(Cd	BL	/	
		łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
10	Br	PBBs	- BL	/	Conformity
10		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	PRRs	PBBs	DI	/	
11	Br PBDEs		BL	/	Conformity
	D.	IBP	N/A	N.D.	
	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	/	
1.5		PBBs		/	~ .
12	Br	PBDEs	N/A	/	Conformity
	D	BP	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
]	Pb	BL	/	
	(Cd	BL	/	
	I	Hg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
12	D	PBBs	NT/A	/	C C :
13	Br	PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
	D	BP	N/A	/	
	В	BP	N/A	/	
	DI	EHP	N/A	/	
]	Pb	BL	/	
	(Cd	BL	/	
		Hg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
14	Br	PBBs	BL	/	Conformity
14		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	/	
	Нд		BL	/	
	Cr(Cr ⁶⁺)		BL	/	
15	Br PBBs PBDEs		IN	N.D.	Conformity
13				N.D.	Conformity
	D	IBP	N/A	N.D.	
	D	BP	N/A	N.D.	
		BP	N/A	N.D.	
	DI	EHP	N/A	N.D.	
]	Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
16	Br	PBBs	N/A	/	Conformity
10		PBDEs		/	
		IBP	N/A	/	
		BP	N/A	/	
	В	BP	N/A	/	
	DI	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	/	
17	Br	PBBs PBDEs	BL	/	Conformity
	Γ	OIBP	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	/	
		PBBs	- BL	/	Conformity
18	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	/	
19	Br	PBBs PBDEs	BL	/	Conformity
	Г	OIBP	N/A	N.D.	
)BP	N/A	N.D.	
-		BBP	N/A	N.D.	
	DEHP		N/A	N.D.	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
		(Cr^{6+})	BL	/	
		PBBs		/	
20	Br	PBDEs	BL	/	Conformity
	Г	OIBP	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	Conclusion
	I	Pb	BL	/	
	(Cd	BL	/	
	I	łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
2.1	D	PBBs	D.I.	N.D.	C C :
21	Br	PBDEs	IN	N.D.	Conformity
	D	IBP	N/A	N.D.	
	D	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	DE	ЕНР	N/A	N.D.	
	I	Pb	BL	/	
	(Cd	BL	/	
	I	łg	BL	/	
		Cr ⁶⁺)	BL	/	
22	·	PBBs	- BL	/	Conformity
22	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	/	
	Br PBBs PBDEs			/	~ .
23			BL	/	Conformity
	Dl	BP	N/A	N.D.	
	D	BP	N/A	N.D.	
		BP	N/A	N.D.	
		ЕНР	N/A	N.D.	
	I	Pb	BL	/	
	(Cd	BL	/	
	I	łg	BL	/	
		Cr ⁶⁺)	BL	/	
<u>.</u>	·	PBBs		/	
24	Br	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
	I	Pb	BL	/	
	(Cd	BL	/	
	I	łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
25	D	PBBs	NT/A	/	C C :
25	Br	PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
	D	BP	N/A	/	
	В	BP	N/A	/	
	DI	ЕНР	N/A	/	
	I	Pb	BL	/	
	(Cd	BL	/	
	I	łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
26	Br	PBBs	- BL	/	Conformity
26		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	/	
27	Br PBBs PBDEs		DI	/	C f : t
27			BL	/	Conformity
	D	BP	N/A	N.D.	
	D	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	DI	ЕНР	N/A	N.D.	
	I	Pb	BL	/	
	(Cd	BL	/	
	I	łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
28	Br	PBBs	N/A	/	Conformit
40	DI	PBDEs	IN/A	/	Conformity
	D	BP	N/A	/	
	D	BP	N/A	/	
	В	BP	N/A	/	
	DI	ЕНР	N/A	/	



Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
]	Pb	BL	/	
	(Cd	BL	/	
	I	łg	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
20	D	PBBs	NT/A	/	G 6 :
29	Br	PBDEs	N/A	/	Conformity
	D	IBP	N/A	/	
	D	BP	N/A	/	
	В	BP	N/A	/	
	DI	ЕНР	N/A	/	
]	Pb	BL	/	
	(Cd	BL	/	
	I	I g	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
20	Br PBBs PBDEs	DI	/	Canfamaita	
30		PBDEs	BL	/	Conformity
	DIBP		N/A	N.D.	
	DBP		N/A	N.D.	
	BBP		N/A	N.D.	
	DI	EHP	N/A	N.D.	
	Pb		BL	/	
	Cd		BL	/	
	Нд		BL	/	
	Cr(Cr ⁶⁺)	BL	/	
2.1	Br PBBs PBDEs		NT/A	/	C f : t
31			N/A	/	Conformity
	D	IBP	N/A	/	
	D	BP	N/A	/	
	В	BP	N/A	/	
	DI	EHP	N/A	/	
]	Pb	BL	/	
	(Cd	BL	/	
	I	Hg	BL	/	
		Cr ⁶⁺)	BL	/	
22	PRRs	DI	/	Conformit	
32	Br PBDEs		BL	/	Conformity
	D	IBP	N/A	N.D.	
	D	BP	N/A	N.D.	
Ţ	В	BP	N/A	N.D.	
	DI	ЕНР	N/A	N.D.	



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Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
]	Pb	BL	/	
	(Cd	BL	/	
	J	-Ig	BL	/	
	Cr(Cr ⁶⁺)	BL	/	
22	D	PBBs	NT/A	/	C C :
33	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	/	
]	Hg	BL	/	
	Cr(Cr ⁶⁺)	IN	N.D.	
2.4	Br PBBs PBDEs	PBBs	N/A	/	Conformity
34		PBDEs		/	
	DIBP		N/A	/	ı
	DBP	BP	N/A	/	l
	В	BP	N/A	/	
	Dl	ЕНР	N/A	/	
	Pb		BL	/	
	Cd		BL	/	
	Hg		BL	/	
		Cr ⁶⁺)	BL	/	
2.5	Br PBBs PBDEs		D.	/	
35			BL	/	Conformity
	D	IBP	N/A	N.D.	
	D	BP	N/A	N.D.	
	В	BP	N/A	N.D.	
	Dl	ЕНР	N/A	N.D.	
]	Pb	BL	/	
	(Cd	BL	/	
	Hg Cr(Cr ⁶⁺)		BL	/	
			BL	/	
26	Br PBBs PBDEs	N/A	/	G C :	
36			/	Conformity	
	D	IBP	N/A	/	
		BP	N/A	/	
		BP	N/A	/	
		ЕНР	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⁺)	IN	N.D.		
27	D	PBBs	NT/A	/	G 6 :	
37	Br	PBDEs	N/A	/	Conformity	
	Γ	OIBP	N/A	/		
	Ι	OBP	N/A	/		
	I	BBP	N/A	/		
	D	EHP	N/A	/		
		Pb	BL	/		
		Cd	BL	/		
		Hg	BL	/		
	Cr	(Cr ⁶⁺)	BL	/		
38	Br PBBs PBDEs	PBBs	N/A	/	Conformity	
36		PBDEs	IN/A	/	Comornity	
	DIBP		N/A	/		
	DBP	N/A	/			
	BBP		N/A	/		
	D	ЕНР	N/A	/		
		Pb	BL	/		
		Cd	BL	/		
		Hg	BL	/		
	Cr	(Cr^{6+})	BL	/		
39	Br PBBs PBDEs		BL	/	Conformity	
39				/	Conformity	
	Ε	OIBP	N/A	N.D.		
	Ι	OBP	N/A	N.D.		
		BBP	N/A	N.D.		
	D	ЕНР	N/A	N.D.		
		Pb	BL	/		
		Cd	BL	/		
		Hg	BL	/		
	Cr	$Cr(Cr^{6+})$ BL	BL	/		
40	Br PBBs PBDEs		PBBs	BL	/	Conformity
70				/	Comornity	
	Ε	OIBP	N/A	N.D.		
	Ι)BP	N/A	N.D.		
	I	BBP	N/A	N.D.		
	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	BL	/	
		Hg	BL	/	
	Cr	(Cr ⁶⁺)	BL	/	
41	Br	PBBs PBDEs	BL	/	Conformity
	Г)IBP	N/A	N.D.	
		OBP	N/A	N.D.	
•		BBP	N/A	N.D.	
		EHP	N/A	N.D.	
		Pb	BL	N.D. /	
		Cd	BL	/	
		Hg	BL	/	
		(Cr ⁶⁺)	BL	/	
	CI	PBBs	DL	/	
42	.) Rr	PBDEs	N/A	/	Conformity
	DIBP DBP BBP		N/A	/	-
			N/A	/	
			N/A	/	
	DEHP		N/A	/	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
	$Cr(Cr^{6+})$		BL	/	
43	Br	PBBs PBDEs	N/A	/	Conformity
	Г		N/A	/	
	DIBP DBP		N/A	/	
		BBP	N/A	/	
		EHP	N/A	/	
		Pb	BL	/	
		Cd	BL	/	
			BL	/	
		Hg (Cr ⁶⁺)	BL	/	
	Cr(Cr ⁶⁺)	DL	/		
44	Br PBBs PBDEs		BL	/	Conformity
-			NT/A	N D	
		OIBP	N/A	N.D.	
		OBP	N/A	N.D.	
		BBP	N/A	N.D.	
	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	BL	/	
		Hg	BL	/	
	Cr	(Cr ⁶⁺)	BL	/	
45	D	PBBs	27/4	/	G 6 :
45	Br	PBDEs	N/A	/	Conformity
	Γ	OIBP	N/A	/	
	Ι	OBP	N/A	/	
	I	BBP	N/A	/	
	D	EHP	N/A	/	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
	Cr	(Cr ⁶⁺)	BL	/	
46	Br PBBs PBDEs	PBBs	D.I.	N.D.	G 6 :
46		PBDEs	- IN	N.D.	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	/	
4.7	Br PBBs PBDEs		27/4	/	
47			N/A	/	Conformity
	Г	DIBP	N/A	/	
	Ι	OBP	N/A	/	
		BBP	N/A	/	
	D	ЕНР	N/A	/	
		Pb	BL	/	
		Cd	BL	/	
		Hg	BL	/	
		(Cr ⁶⁺)	BL	/	
40	PRRs		Dī	/	Conformity
48	Br PBDEs	—— кі	/		
	Г	DIBP	N/A	N.D.	
	Ι	OBP	N/A	N.D.	
	I	BBP	N/A	N.D.	
		ЕНР	N/A	N.D.	



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Test point	Test	Item	X-ray Fluorescence Spectrometry (XRF) mg/kg	Wet Chemistry Method mg/kg	Conclusion
	F	b	BL	/	
	C	Cd Cd	BL	/	
	H	[g	BL	/	
	Cr(C	Cr ⁶⁺)	BL	/	
49	Br	PBBs PBDEs	N/A	/	Conformity
	DI		N/A	/	
	D		N/A	/	
		3P	N/A	/	
		HP	N/A	/	
		'b	BL	/	
		Zd	BL	/	
		[g	BL	/	
			IN	N.D.	
	Hr —	PBBs	N/A	/	
50		PBDEs		/	Conformity
	DIBP DBP BBP		N/A	/	
			N/A	/	
			N/A	/	
	DEHP		N/A	/	
		b	BL	/	
	Cd		BL	/	
	Hg		BL	/	
		Cr ⁶⁺)	IN	N.D.	
51	Br PBBs PBDEs		N/A	/	Conformity
	DI	BP	N/A	/	l
		BP	N/A	/	
		3P	N/A	/	
		HP	N/A	/	
		b	BL	/	
		Ed .	BL	/	
			BL	/	
	Hg Cr(Cr ⁶⁺)		BL	/	
-		PBBs		/	
52	Br -	PBDEs	BL	/	Conformity
	DI		N/A	N.D.	
		BP	N/A	N.D.	
		3P	N/A	N.D.	
		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
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.



Regulation (EU) 2019/1021 on persistent organic pollutants (POPs)

- Pentachlorophenol (PCP) Content

Test Methods and Equipment: EPA 3550C:2007 & EPA 8270E:2018; GC-MS

Tost Itom(s)	Unit	Limit	Limit MDL	Test Result(s)
Test Item(s)	Unit	LIIIII		1-1
Pentachlorophenol (PCP)	mg/kg	5	5	N.D.
Co	Conformity			

Report No.: AGC05443240934-001

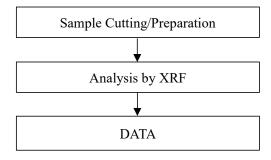
Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 77

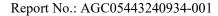
- Formaldehyde Release

Test Methods and Equipment: EN 717-1:2004; UV-Vis

Test Item(s)	Unit	Limit	Limit MDL	Test Result(s)
rest item(s)	Cilit	Lillit	MIDL	1-1
Formaldehyde Release	mg/m³	0.062	0.006	N.D.(240h)
Co	Conformity			

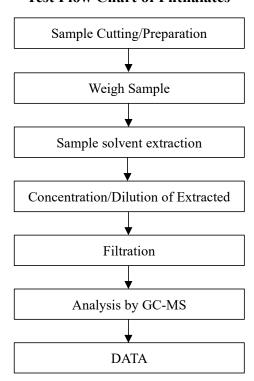
Test Flow Chart of XRF

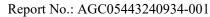






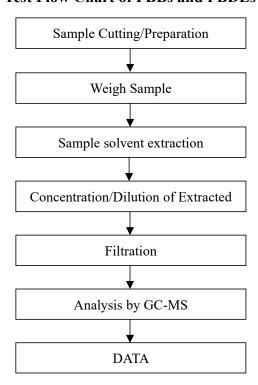
Test Flow Chart of Phthalates

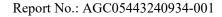






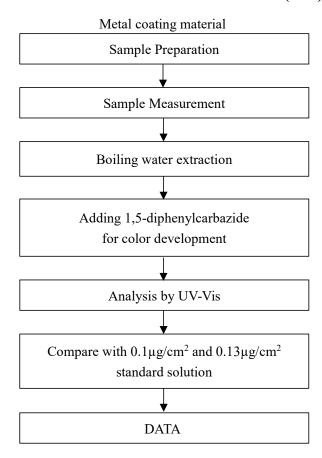
Test Flow Chart of PBBs and PBDEs

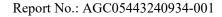






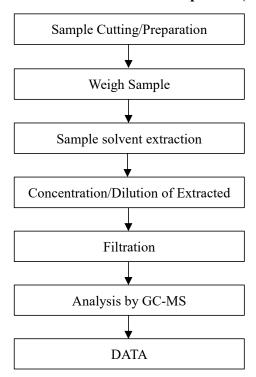
Test Flow Chart of Hexavalent Chromium (Cr6+)

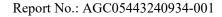






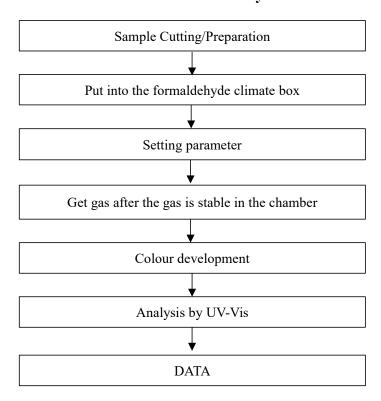
Test Flow Chart of Pentachlorophenol (PCP)







Test Flow Chart of Formaldehyde Release





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 ***