

# **Test Report**

Report No. : AGC05443230506-001S1

SAMPLE NAME : Recycled PP two-tier lunchbox with bamboo lid,

Two-layer PP lunch box with bamboo lid

**MODEL NAME** : MO2088, MO6627

**APPLICANT**: MID OCEAN BRANDS B.V

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

**DATE OF ISSUE** : Dec. 19, 2023

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 : Recycled PP two-tier lunchbox with bamboo lid,

Two-layer PP lunch box with bamboo lid

Model : MO2088, MO6627

Vendor code : 114276
Country of Origin : CHINA
Country of Destination : EUROPE
Sample receiving state : Normal

Sample Received Date : May 11, 2023

Testing Period : May 11, 2023 to Dec. 19, 2023

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

Approved by : Jessie lians

Liangdan, Jessie.Liang

Report No.: AGC05443230506-001S1

**Technical Director** 



- Overall migration

- Pentachlorophenol (PCP) Content

Report No.: AGC05443230506-001S1 Conclusion Mechanical dishwashing safe test Pass Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 63 Pass - Lead(Pb) Content Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 23 **Pass** -Cadmium(Cd) Content Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 51&52 **Pass** - Phthalates Content Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 50 **Pass** - Polycyclic-aromatic Hydrocarbons (PAHs) Content Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 43 **Pass** - Aromatic Amines Azodyes (AZO) Content - Formaldehyde Release Pass - Colour fastness to rubbing Pass Regulation 1935/2004/EC, Regulation(EU) No 10/2011 and its amendment Regulation (EU) 2020/1245 and Regulation (EU) 2018/213: Pass -Overall migration -Specific migration of Heavy metals Pass -Specific migration of Primary aromatic amines **Pass** -Bisphenol A(BPA) content **Pass** (EU) No 10/2011 Commission Regulation on plastic materials and articles intended to come into contact with food and its amendments, and Regulation (EC) No 1935/2004 of the European

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Parliament on materials and articles intended to come into contact with food

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

**Pass** 

**Pass** 



### Report Revise Record

Report Version	Issued Date	Valid Version	Notes
/	Jun. 12, 2023	Invalid	Initial release
S1	Dec. 19, 2023	Valid	Add test



The photo of the sample





The photo of AGC05443230506-001S1 is for use only with the original report.

### **Test Point Description**

Test point	Test point description
1-1	Bamboo lid
1-2	Black PP
1-3	White PP
1-4	Black elastic band
1-5	Bamboo lid



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

#### Mechanical dishwashing safe test

### Test Result of mechanical dishwashing safe test:

Requirement: If there is no noticeable change in appearance (e.g. color, size and shape) and function after testing, it should be "PASS".

Sample No.:1 (white)

Test Method: Refer to BS EN 12875 -1:2005

Washing temperature: 60°C Number of cycle: 10 cycles

Number of tested sample: 1 pc(s). Number of control sample: 1 pc(s).

For all tested plastic or metal articles:

No visible change of color, gloss and clouding was found on the tested samples after wash.

No visible deposit or iridescent layer was found on the tested samples after wash.

No visible swelling, deformation, cracking, crazing or delamination was found on the tested samples after wash.

### Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 63

### - Lead(Pb) Content

Test Methods and Equipment: IEC 62321-5:2013; ICP-OES

Tost Itom(s)	Unit Limit		MDL	Test Result(s)	
Test Item(s)	Omi	LIIIII	MIDL	1-1	1-2
Lead(Pb)	mg/kg	500	10	N.D.	N.D.
Conclusion			Conformity	Conformity	

Tost Itom(s)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Omi	Lillit	MIDL	1-3	1-4
Lead(Pb)	mg/kg	500	10	N.D.	N.D.
Conclusion			Conformity	Conformity	

#### Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 23

### -Cadmium(Cd) Content

Test Methods and Equipment: IEC 62321-5:2013; ICP-OES

Toot Itom(a)	Unit	Limit	MDL	Test Result(s)		
Test Item(s)	Omi	Lilliit	MDL	1-2	1-3	1-4
Cadmium(Cd)	mg/kg	100	10	N.D.	N.D.	N.D.
Conclusion			Conformity	Conformity	Conformity	



## Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 51&52

- Phthalates Content

Test Methods and Equipment: EN 14372:2004; GC-MS

Toot Itam(a)	Unit	Limit	MDI	Test Res	ult(s)	
Test Item(s)	Test Itelii(s) Unit Limit Wide		MDL	1-2	1-3	
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.01	N.D.	N.D.	
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.01	N.D.	N.D.	
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.01	N.D.	N.D.	
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.01	N.D.	N.D.	
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.01	N.D.	N.D.	
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.01	N.D.	N.D.	
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.01	N.D.	N.D.	
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.	N.D.	
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.	N.D.	
Con	nclusion	Conclusion				

### Limit requirements of Phthalates

1	
Toys and childcare articles	Each of DEHP, DBP, BBP, DIBP is less than 0.1% or the sum of DEHP+DBP+BBP+DIBP is less than 0.1%
Toys and childcare articles which can be placed in the mouth by children	The sum of DINP+DIDP+DNOP is less than 0.1%

# Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 50

### - Polycyclic-aromatic Hydrocarbons (PAHs) Content

Test Methods and Equipment: Afps GS 2019:01 PAK; GC-MS

Test Item(s)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Onit	Lillit	MIDL	1-2	1-3
Benzo[a]pyrene(BaP)	mg/kg	1	0.1	N.D.	N.D.
Benzo[e]pyrene(BeP)	mg/kg	1	0.1	N.D.	N.D.
Benzo[a]anthracene(BaA)	mg/kg	1	0.1	N.D.	N.D.
Benzo[b]fluoranthene(BbF)	mg/kg	1	0.1	N.D.	N.D.
Benzo[j]fluoranthene(BjFA)	mg/kg	1	0.1	N.D.	N.D.
Benzo[k]fluoranthene(BkF)	mg/kg	1	0.1	N.D.	N.D.
Chrysene(CHR)	mg/kg	1	0.1	N.D.	N.D.
Dibenzo[a,h]anthracene(DBA)	mg/kg	1	0.1	N.D.	N.D.
Со	nclusion			Conformity	Conformity

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Limit requirements	s of Polycyclic-a	romatic Hydrocarbons	s (PAHs) (Unit: mg/kg)
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			. , , ,	
Items	CAS No.	Extender oils or used for the production of tyres or parts of tyres	Any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity	Toys, including activity toys, and childcare articles, any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity
Benzo[a]pyrene(BaP)	50-32-8	≤ 1	≤ 1	≤ 0.5
Benzo[e]pyrene(BeP)	192-97-2	/	≤ 1	≤ 0.5
Benzo[a]anthracene(BaA)	56-55-3	/	≤ 1	≤ 0.5
Benzo[b]fluoranthene(BbF)	205-99-2	/	≤ 1	≤ 0.5
Benzo[j]fluoranthene(BjFA)	205-82-3	/	≤ 1	≤ 0.5
Benzo[k]fluoranthene(BkF)	207-08-9	/	≤ 1	≤ 0.5
Chrysene(CHR)	218-01-9	/	≤ 1	≤ 0.5
Dibenzo[a,h]anthracene(DBA)	53-70-3	/	≤ 1	≤ 0.5
Sum of BaP+ BeP+ BaA+ BbF+ BjFA+ BkF+ CHR+ DBA	/	≤ 10	/	/

## Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 43

## - Aromatic Amines Azodyes (AZO) Content

Test Methods and Equipment: EN ISO 14362-1:2017; GC-MS

Test Item(s)	Unit	Limit	MDL	Test Result(s)
4-Aminobiphenyl CAS:92-67-1	mg/kg	30	5	N.D.
Benzidine CAS:92-87-5	mg/kg	30	5	N.D.
4-Chloro-o-toluidine CAS:95-69-2	mg/kg	30	5	N.D.
2-Naphthylamine CAS:91-59-8	mg/kg	30	5	N.D.
o-Aminoazotoluene CAS:97-56-3	mg/kg	30	5	N.D.
5-Nitro-o-toluidine CAS:99-55-8	mg/kg	30	5	N.D.
p-Chloroaniline CAS:106-47-8	mg/kg	30	5	N.D.
4-Methoxy-m-phenylenediamine CAS:615-05-4	mg/kg	30	5	N.D.



Test Item(s)	Unit	Limit	MDL	Test Result(s) 1-4
4,4'-Diaminodiphenylmethane CAS:101-77-9	mg/kg	30	5	N.D.
3,3'-Dichlorobenzidine CAS:91-94-1	mg/kg	30	5	N.D.
3,3'-Dimethoxybenzidine CAS:119-90-4	mg/kg	30	5	N.D.
3,3'-Dimethybenzidine CAS:119-93-7	mg/kg	30	5	N.D.
4,4'-Methylenedi-o-toluidine CAS:838-88-0	mg/kg	30	5	N.D.
p-Cresidine CAS:120-71-8	mg/kg	30	5	N.D.
4,4'-Methylenebis[2-chloroaniline] CAS:101-14-4	mg/kg	30	5	N.D.
4,4'-Oxydianiline CAS:101-80-4	mg/kg	30	5	N.D.
4,4'-Thiodianiline CAS:139-65-1	mg/kg	30	5	N.D.
2-Aminotoluene CAS:95-53-4	mg/kg	30	5	N.D.
2,4-Toluylendiamine CAS:95-80-7	mg/kg	30	5	N.D.
2,4,5-Trimethylaniline CAS:137-17-7	mg/kg	30	5	N.D.
o-Anisidine CAS:90-04-0	mg/kg	30	5	N.D.
4-Aminoazobenzene CAS:60-09-3	mg/kg	30	5	N.D.
C	onclusion	•	•	Conformity

Note: 4-aminoazobenzene: The EN ISO 14362-1:2017 or ISO 17234-1:2020 methods will enable further cleavage of 4-aminoazobenzene to aniline and / or 1,4-phenylenediamine. If aniline and / or 1,4-phenylenediamine are detected, 4-aminoazobenzene shall be further determined by EN ISO 14362-3:2017 or ISO 17234-2:2011.

# - Formaldehyde Release

Test Methods and Equipment: EN 717-3:1996; UV-Vis

Tost Itom(s)	Unit	Client's	MDL	Test Result(s)
Test Item(s)	Onit	limit	MIDL	1-1
Formaldehyde Release	mg/kg	80	1	5
Co	Conformity			



Colour fastness to rubbing

**Test Method:** ISO 105-X12:2016

Rubbing finger: Cylinder

The time of conditioning as well as the atmospheric conditions during testing: 20 °C, 65 %R.H., 4 hrs

The percentage of soak of wet rubbing cloth: 95%~100% The long direction of the specimen: Endwise/ Crossrange

	Test I		
Test point	Colour fastness to	Conclusion	
	Dry rubbing	Wet rubbing	
1-4	4-5	4-5	Conformity
Limit (Client's Requirement)	≥2-3	≥2-3	/

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#### Note:

Colour Fastness Grade:

Grade 5 = No Colour Change (Best Grade)

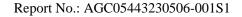
Grade 1 = Colour Change Seriously (Bad Grade)

9 grades in gray sample card: 5, 4-5, 4, 3-4, 3, 2-3, 2, 1-2, 1.

# Regulation 1935/2004/EC, Regulation(EU) No 10/2011 and its amendment Regulation (EU) 2020/1245 and **Regulation (EU) 2018/213**

### -Overall migration

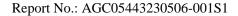
		Test	result	
Test point		Overall migrat	tion/ (mg/dm <sup>2</sup> )	Conclusion
		3% Acetic acid, 70°C,2h	50% Ethanol, 70°C,2h	
	1 <sup>st</sup> migration	N.D.	N.D.	
1-2	2 <sup>nd</sup> migration	N.D.	N.D.	Conformity
	3 <sup>rd</sup> migration	N.D.	N.D.	
	1 <sup>st</sup> migration	N.D.	N.D.	
1-3	2 <sup>nd</sup> migration	N.D.	N.D.	Conformity
	3 <sup>rd</sup> migration	N.D.	N.D.	
]	Limit	10	10	/
1	MDL	5	5	/





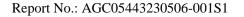
### -Specific migration of Heavy metals

		1.55		Test Result(s) (mg/kg)		
Test Item(s)	Test condition/ Equipment	MDL (mg/kg)			Limit (mg/kg)	
	Equipment	(mg/ng)	1 <sup>st</sup> migration	2 <sup>nd</sup> migration	3 <sup>rd</sup> migration	(g, n.g)
Barium (Ba)		0.1	N.D.	N.D.	N.D.	1
Cobalt (Co)		0.01	N.D.	N.D.	N.D.	0.05
Copper (Cu)		0.25	N.D.	N.D.	N.D.	5
Iron (Fe)		0.25	N.D.	N.D.	N.D.	48
Lithium (Li)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn)		0.25	N.D.	N.D.	N.D.	5
Aluminum (Al)		0.1	N.D.	N.D.	N.D.	1
Europium (Eu)		0.01	N.D.	N.D.	N.D.	/
Gadolinium (Gd)		0.01	N.D.	N.D.	N.D.	/
Lanthanum (La)		0.01	N.D.	N.D.	N.D.	/
Terbium (Tb)		0.01	N.D.	N.D.	N.D.	/
Sum(Eu+Gd+La+Tb)	3% Acetic acid/	/	N.D.	N.D.	N.D.	0.05
Antimony (Sb)	70°C, 2h/ ICP-OES	0.01	N.D.	N.D.	N.D.	0.04
Arsenic (As)		0.01	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)		0.002	N.D.	N.D.	N.D.	N.D.
Chromium (Cr)		0.01	N.D.	N.D.	N.D.	N.D.
Lead (Pb)		0.01	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)		0.01	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)		0.01	N.D.	N.D.	N.D.	0.02
Conclusion		/		Conformity		/
Ammonium (NH <sub>4</sub> <sup>+</sup> )		0.10	N.D.	N.D.	N.D.	/
Calcium (Ca)		0.01	0.894	0.210	0.064	/
Magnesium (Mg)		0.01	0.060	N.D.	N.D.	/
Potassium (K)		0.01	0.062	N.D.	N.D.	/
Sodium (Na)		0.01	0.084	N.D.	N.D.	/





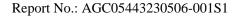
	To a live a	MDI		Test Result(s) (mg/kg)		T::4
Test Item(s)	Test condition/ Equipment	MDL (mg/kg)	1-3			Limit (mg/kg)
	_quipment	(g/g/	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	(g/g/
Barium (Ba)		0.1	migration N.D.	migration N.D.	migration N.D.	1
Cobalt (Co)		0.01	N.D.	N.D.	N.D.	0.05
Copper (Cu)		0.25	N.D.	N.D.	N.D.	5
Iron (Fe)		0.25	N.D.	N.D.	N.D.	48
Lithium (Li)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn)		0.25	N.D.	N.D.	N.D.	5
Aluminum (Al)		0.1	N.D.	N.D.	N.D.	1
Europium (Eu)		0.01	N.D.	N.D.	N.D.	/
Gadolinium (Gd)		0.01	N.D.	N.D.	N.D.	/
Lanthanum (La)		0.01	N.D.	N.D.	N.D.	/
Terbium (Tb)		0.01	N.D.	N.D.	N.D.	/
Sum(Eu+Gd+La+Tb)	3% Acetic acid/	/	N.D.	N.D.	N.D.	0.05
Antimony (Sb)	70°C, 2h/ ICP-OES	0.01	N.D.	N.D.	N.D.	0.04
Arsenic (As)		0.01	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)		0.002	N.D.	N.D.	N.D.	N.D.
Chromium (Cr)		0.01	N.D.	N.D.	N.D.	N.D.
Lead (Pb)		0.01	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)		0.01	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)		0.01	N.D.	N.D.	N.D.	0.02
Conclusion		/		Conformity		/
Ammonium (NH <sub>4</sub> <sup>+</sup> )		0.10	N.D.	N.D.	N.D.	/
Calcium (Ca)		0.01	1.511	0.226	0.043	/
Magnesium (Mg)		0.01	0.056	N.D.	N.D.	/
Potassium (K)		0.01	0.052	N.D.	N.D.	/
Sodium (Na)		0.01	0.077	N.D.	N.D.	/





## -Specific migration of Primary aromatic amines

Test Item(s)	MDL (mg/kg)	Limit (mg/kg)
4-Aminobiphenyl	0.002	N.D.
Benzidine	0.002	N.D.
4-Chloro-o-Toluidine	0.002	N.D.
2-Naphthylamine	0.002	N.D.
4-amino-2',3-dimethylazobenzene	0.002	N.D.
5-Nitro-o-toluidine	0.002	N.D.
4-Chloroaniline	0.002	N.D.
4-Methoxy-m-phenylenediamine	0.002	N.D.
4,4'-Diaminodiphenylmethane	0.002	N.D.
3,3'-Dichlorobenzidine	0.002	N.D.
3,3'-Dimethoxybenzidine	0.002	N.D.
3,3'-Dimethybenzidine	0.002	N.D.
4,4'-Methylenedi-o-toluidine	0.002	N.D.
6-methoxy-m-toluidine	0.002	N.D.
4,4'-methylenebis[2-chloroaniline]	0.002	N.D.
4,4'-Oxydianiline	0.002	N.D.
4,4'-Thiodianiline	0.002	N.D.
2-Aminotoluene	0.002	N.D.
4-methyl-m-phenylenediamine	0.002	N.D.
2,4,5-Trimethylaniline	0.002	N.D.
2-Methoxyaniline	0.002	N.D.
4-Aminoazobenzene	0.002	N.D.
1,3 phenylenediamine	0.002	N.D.
Total of other primary aromatic amines	0.01	0.01





	Test Resu	lt (mg/kg)
Test Item(s)	1-2	1-3
	3% Acetic acid 70°C, 2h	3% Acetic acid 70°C, 2h
4-Aminobiphenyl	N.D.	N.D.
Benzidine	N.D.	N.D.
4-Chloro-o-Toluidine	N.D.	N.D.
2-Naphthylamine	N.D.	N.D.
4-amino-2',3-dimethylazobenzene	N.D.	N.D.
5-Nitro-o-toluidine	N.D.	N.D.
4-Chloroaniline	N.D.	N.D.
4-Methoxy-m-phenylenediamine	N.D.	N.D.
4,4'-Diaminodiphenylmethane	N.D.	N.D.
3,3'-Dichlorobenzidine	N.D.	N.D.
3,3'-Dimethoxybenzidine	N.D.	N.D.
3,3'-Dimethybenzidine	N.D.	N.D.
4,4'-Methylenedi-o-toluidine	N.D.	N.D.
6-methoxy-m-toluidine	N.D.	N.D.
4,4'-methylenebis[2-chloroaniline]	N.D.	N.D.
4,4'-Oxydianiline	N.D.	N.D.
4,4'-Thiodianiline	N.D.	N.D.
2-Aminotoluene	N.D.	N.D.
4-methyl-m-phenylenediamine	N.D.	N.D.
2,4,5-Trimethylaniline	N.D.	N.D.
2-Methoxyaniline	N.D.	N.D.
4-Aminoazobenzene	N.D.	N.D.
1,3 phenylenediamine	N.D.	N.D.
Total of other primary aromatic amines	N.D.	N.D.
Conclusion	Conformity	Conformity



#### -Bisphenol A(BPA) content

Test Item	Bisphenol A (BPA)		
Limit (mg/kg) Prohibited			
MDL(mg/kg)	1		
Test Method/ Instrument	EPA 3540C:1996& EPA 8321B:2007/ LC-MS-MS		

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Took maint	Test Result (mg/kg)	Conclusion
Test point	Bisphenol A (BPA)	Conclusion
1-2	N.D.	Conformity
1-3	N.D.	Conformity

(EU) No 10/2011 Commission Regulation on plastic materials and articles intended to come into contact with food and its amendments, and Regulation (EC) No 1935/2004 of the European Parliament on materials and articles intended to come into contact with food

### - Overall migration

Test Method: BS EN 1186-2:2022

Food Simulant(s): Vegetable oil(Rectified olive oil); Test Condition: 70°C, 2h

	Result					
Test Item(s)	1-2			MDL	Limit	Unit
	1 <sup>st</sup> migration	2 <sup>nd</sup> migration	3 <sup>rd</sup> migration			
Overall migration	N.D.	N.D.	N.D.	3.0	10	mg/dm²

Test Method: BS EN 1186-2:2022

Food Simulant(s): Vegetable oil(Rectified olive oil); Test Condition: 70°C, 2h

Test Item(s)	Result 1-3			MDL	Limit	Unit
	1 <sup>st</sup> migration	2 <sup>nd</sup> migration	3 <sup>rd</sup> migration			
Overall migration	N.D.	N.D.	N.D.	3.0	10	mg/dm²

#### Remark:

Total immersion method was used and the area-volume ratio (S/V) is 10.0 dm<sup>2</sup>/L.

The reduction factor of fatty food simulants is 1.



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

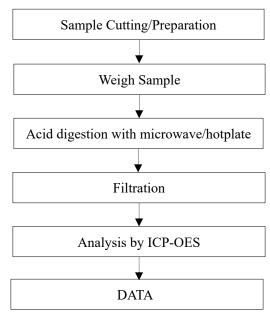
# - Pentachlorophenol (PCP) Content

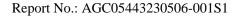
Test Methods and Equipment: EPA 3550C:2007 & EPA 8270E:2018; GC-MS

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

Report No.: AGC05443230506-001S1

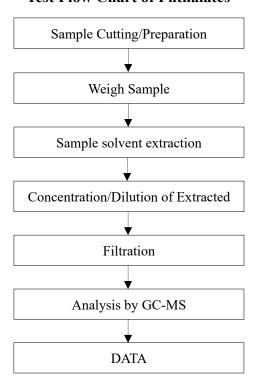
# **Test Flow Chart of Heavy Metal Content**



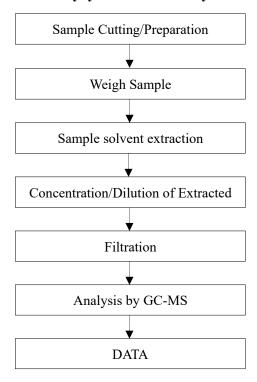




### **Test Flow Chart of Phthalates**



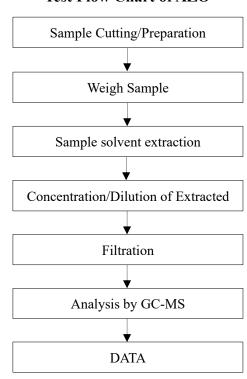
## Test Flow Chart of Polycyclic-aromatic Hydrocarbons (PAHs)

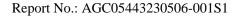






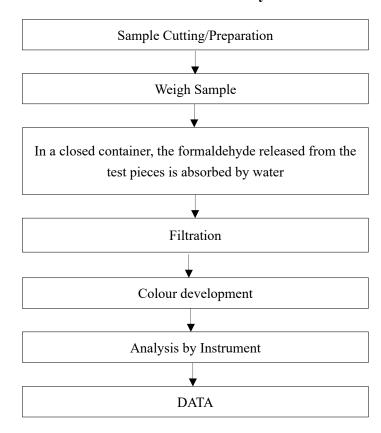
### **Test Flow Chart of AZO**

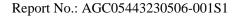






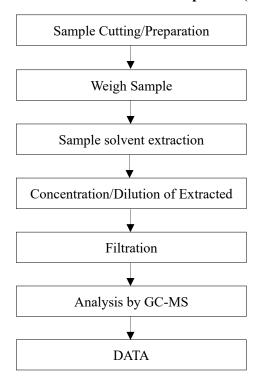
# **Test Flow Chart of Formaldehyde Release**







# **Test Flow Chart of Pentachlorophenol (PCP)**





# 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 \*\*\*