

Test Report

Report No. : AGC05443250544-001S1

SAMPLE NAME : 3 piece gift set in box

MODEL NAME : MO2634

APPLICANT: MID OCEAN BRANDS B.V.

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

DATE OF ISSUE : Aug. 04, 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 : 3 piece gift set in box

Model : MO2634
Vendor code : 104901
Country of Origin : CHINA
Country of Destination : EUROPE
Sample Received Date : May 27, 2025

Testing Period : May 27, 2025 to Aug. 04, 2025

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

Approved by: Su hong hang

Report No.: AGC05443250544-001S1

Suhongliang

Technical Director



DM-4B-COM-003-v01

DM-4B-COM-003-v01

- Peroxides

Report No.: AGC05443250544-001S1

Conclusion 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 Annex XVII of the REACH Regulation (EC) No 1907/2006, entry 77 Pass - Formaldehyde Release Regulation (EU) 2019/1021 on persistent organic pollutants (POPs) **Pass** - Pentachlorophenol (PCP) Content Regulation 1935/2004/EC, Regulation (EU) No 10/2011 **Pass** Overall Migration Regulation 1935/2004/EC, Regulation (EU) No 10/2011 **Pass** - Specific migration of Primary Aromatic Amine Regulation 1935/2004/EC, Regulation (EU) No 10/2011 **Pass** - Specific migration of Heavy metals Regulation 1935/2004/EC, Regulation (EU) No 10/2011 and Regulation (EU) 2024/3190 Pass - Bisphenol A (BPA) content Regulation 1935/2004/EC, Council of Europe Resolution AP (2004)5 **Pass** - Overall Migration Regulation 1935/2004/EC, Council of Europe Resolution AP (2004)5 and Regulation (EU) 2024/3190 **Pass** - Bisphenol A (BPA) content DM-4B-COM-003-v01 Pass - Volatile Organic Components (VOC) content

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- Specific Migration of Organotin (measured as Tin)

Pass

Pass



Regulation 1935/2004/EC and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2020)9

Pass

- Specific migration of Heavy metal

- Colour fastness to rubbing

Pass



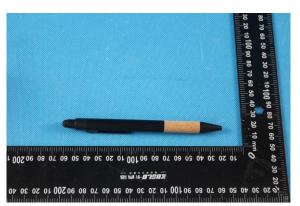
Report Revise Record

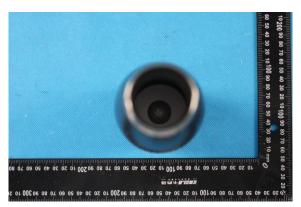
Report Version	Issued Date	Valid Version	Notes
/	Jun. 20, 2025	Invalid	Initial release
S1	Aug. 04, 2025	Valid	Retest



The photo of the sample



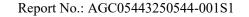








The photo of AGC05443250544-001S1 is for use only with the original report.





Test point	Test point description
1-1	Cork(notebook/pen/bottle)
1-2	Black cloth(notebook)
1-3	Black elastic band(notebook)
1-4	Black ribbon(notebook)
1-5	Title paper(notebook)
1-6	Yellowish paper(notebook)
1-7	Black plastic pen tip(pen)
1-8	Black plastic pen barrel(pen)
1-9	Black metal pen barrel(pen)
1-10	Metal pen clip(pen)
1-11	Black plastic button(pen)
1-12	Black plastic pen ring(pen)
1-13	Black plastic inner cover(bottle)
1-14	Black soft plastic(pen)
1-15	White silicone ring(bottle)
1-16	Long plastic thrust device(pen)
1-17	Short plastic thrust device(pen)
1-18	Off-white plastic thrust device(pen)
1-19	White pen core pipe(pen)
1-20	Long spring(pen)
1-21	Short spring(pen)
1-22	Blue ink(pen)
1-23	Metal lid(bottle)
1-24	Black coating(bottle)
1-25	Metal bottle inner body(bottle)
1-26	Metal bottle outer body(bottle)
1-27	Paper box
1-28	Papper tube inner grip(pen)



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.

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

Test Methods and Equipment: IEC	02321-3:20	13; ICP-OE	3				
				Test Result(s)			
Test Item(s)	Unit	Limit	MDL	1-1	1-2+1-3	1-5+1-6	
				1-1	+1-4	1-3+1-0	
Lead(Pb)	mg/kg	500	10	N.D.	N.D.	N.D.	
Cor	clusion			Conformity	Conformity	Conformity	
Test Item(s)	T.L 14	T imais	MDI	7	Test Result(s)		
		Limit	MDL				
Test Item(s)	Unit	Limit	MDL	1-7+1-8	1-9	1-10	
Lead(Pb)	mg/kg	500	10	1-7+1-8 N.D.	1-9 16	1-10 N.D.	
Lead(Pb)							
Lead(Pb)	mg/kg			N.D.	16	N.D.	
Lead(Pb)	mg/kg			N.D. Conformity	16	N.D.	

				7	Test Result(s)	
Test Item(s)	Unit	Limit	MDL	1-11+1-12 +1-13	1-14+1-15	1-16+1-17
Lead(Pb)	mg/kg	500	10	N.D.	N.D.	N.D.
Con	clusion			Conformity	Conformity	Conformity

Test Item(s)	Unit	Limit	MDL	Э	Test Result(s)	
rest item(s)	Onit	Limit	MDL	1-18+1-19	1-20	1-21
Lead(Pb)	mg/kg	500	10	N.D.	N.D.	N.D.
Con		Conformity	Conformity	Conformity		

Test Item(s)	Unit	Limit	MDL	П	Test Result(s)	
rest item(s)	Omi	Lımıt	MDL	1-22	1-23	1-24
Lead(Pb)	mg/kg	500	10	N.D.	N.D.	N.D.
Con	clusion			Conformity	Conformity	Conformity

Test Item(s)	I Init	Limit	MDI	Т	Test Result(s)	
	Unit Limit	MDL	1-25	1-26	1-27	
Lead(Pb)	mg/kg	500	10	N.D.	N.D.	N.D.
Conclusion				Conformity	Conformity	Conformity

Test Item(s)	Unit	Limit	MDL	Test Result(s)
				1-28
Lead(Pb)	mg/kg	500	10	N.D.
Co	nclusion			Conformity



1. As specified by client, the submitted samples were mixed to test, the test points:

1-2+1-3+1-4,1-5+1-6,1-7+1-8,1-11+1-12+1-13,1-14+1-15,1-16+1-17,1-18+1-19

Remark: The samples of the following test points were resubmitted on June 16, 2025:1-14+1-15

Remark: The samples of the following test points were resubmitted on July 31, 2025:1-9,1-23,1-25,1-26

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

				Т	Test Result(s)	
Test Item(s)	Unit	Limit	MDL	1-7+1-8	1-11+1-12 +1-13	1-14+1-15
Cadmium(Cd)	mg/kg	100	10	N.D.	N.D.	N.D.
Co	nclusion			Conformity	Conformity	Conformity

Test Item(s)	Unit	Limit	MDI	7	Test Result(s)	
	Unit Limit	MDL	1-16+1-17	1-18+1-19	1-24	
Cadmium(Cd)	mg/kg	100	10	N.D.	N.D.	N.D.
Con	clusion			Conformity	Conformity	Conformity

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points:

1-7+1-8,1-11+1-12+1-13,1-14+1-15,1-16+1-17,1-18+1-19

Remark: The samples of the following test points were resubmitted on June 16, 2025:1-14+1-15

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

- Phthalates Content

Test Methods and Equipment: IEC 62321-8:2017; GC-MS

				Test Result(s)			
Test Item(s)	Unit	Limit	MDL	1-7+1-8	1-11+1-12 +1-13	1-14+1-15	
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.005	N.D.	N.D.	N.D.	
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.005	N.D.	N.D.	N.D.	
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.005	N.D.	N.D.	N.D.	
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.005	N.D.	N.D.	N.D.	
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.005	N.D.	N.D.	N.D.	
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.005	N.D.	N.D.	N.D.	



				7	Test Result(s)	
Test Item(s)	Unit	Limit	MDL	1-7+1-8	1-11+1-12 +1-13	1-14+1-15
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.005	N.D.	N.D.	N.D.
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.	N.D.	N.D.
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.	N.D.	N.D.
Con	clusion			Conformity	Conformity	Conformity

Test Item(s)	Unit	Limit MDL		Test Result(s)			
Test Item(s)	Ullit	Liiiii	MDL	1-16+1-17	1-18+1-19	1-24	
Diisobutyl phthalate (DIBP) CAS:84-69-5	%	0.1	0.005	N.D.	N.D.	N.D.	
Dibutyl phthalate (DBP) CAS:84-74-2	%	0.1	0.005	N.D.	N.D.	N.D.	
Butylbenzyl phthalate (BBP) CAS:85-68-7	%	0.1	0.005	N.D.	N.D.	N.D.	
Di-(2-ethylhexyl) Phthalate (DEHP) CAS:117-81-7	%	0.1	0.005	N.D.	N.D.	N.D.	
Di-n-octyl phthalate (DNOP) CAS:117-84-0	%	/	0.005	N.D.	N.D.	N.D.	
Di-isononyl phthalate (DINP) CAS:28553-12-0, 68515-48-0	%	/	0.005	N.D.	N.D.	N.D.	
Di-isodecyl phthalate(DIDP) CAS:26761-40-0, 68515-49-1	%	/	0.005	N.D.	N.D.	N.D.	
Sum of DIBP +DBP+BBP+DEHP	%	0.1	/	N.D.	N.D.	N.D.	
Sum of DNOP+DINP+DIDP	%	0.1	/	N.D.	N.D.	N.D.	
Conclusion				Conformity	Conformity	Conformity	

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points:

1-7+1-8,1-11+1-12+1-13,1-14+1-15,1-16+1-17,1-18+1-19

Remark: The samples of the following test points were resubmitted on June 16, 2025:1-14+1-15

Limit requirements of Phthalates

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 Result(s)		
Test Item(s)	Unit	Limit	MDL	1-7+1-8	1-11+1-12	
					+1-13	
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	Conformity	Conformity				

Report No.: AGC05443250544-001S1

Tost Itam(s)	Unit	Limit	MDL	Test Result(s)	
Test Item(s)	Unit	Liiiit	MDL	1-14+1-15	1-24
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.
Con	Conformity	Conformity			

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-7+1-8,1-11+1-12+1-13,1-14+1-15 Remark: The samples of the following test points were resubmitted on June 16, 2025:1-14+1-15

Limit requirements of Polycyclic-aromatic Hydrocarbons (PAHs) (Unit: mg/kg)

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



Items	Exter oils or for t CAS No. produc of tyre parts tyre		Any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin	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	
		tyres	or the oral cavity	human skin or the oral cavity	
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) 1-2+1-3+1-4
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.
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.



Test Item(s)	Unit	Limit	MDL	Test Result(s)		
				1-2+1-3+1-4		
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.		
Co	Conclusion					

Remark:

1. As specified by client, the submitted samples were mixed to test, the test points: 1-2+1-3+1-4

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.

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	MDL	Test Result(s)
Formaldehyde Release	mg/m³	0.062	0.006	N.D. (240h)
Co	Conformity			

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 Item(s)	Unit	Lillit	MDL	1-1
Pentachlorophenol (PCP)	mg/kg	5	5	N.D.
Со	Conformity			



Regulation 1935/2004/EC, Regulation (EU) No 10/2011

- Overall Migration

Test Method: EN 1186-3:2022

						Test result(s)	
Simulant Used	Test Condition	Unit	Limit	MDL		1-13	
					1 st migration	2 nd migration	3 rd migration
3% Acetic acid	70°C, 2h	mg/dm ²	10	5	N.D.	N.D.	N.D.
50% Ethanol	70℃, 2h	mg/dm ²	10	5	N.D.	N.D.	N.D.
Conclusion						Conformity	

Report No.: AGC05443250544-001S1

Regulation 1935/2004/EC, Regulation (EU) No 10/2011

- Specific migration of Primary Aromatic Amine

Test Method: EUR 24815 EN 2011

			Limit MDL	Test result(s)					
Test Item(s)	Unit	Limit		1-13					
				1 st migration	2 nd migration	3 rd migration			
Simulant Used: 3% Acetic acid; Test Condition: 70°C, 2h									
4-Aminobiphenyl	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
Benzidine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4-Chloro-o-Toluidine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
2-Naphthylamine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4-amino-2',3-dimethylazobenzene	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
5-Nitro-o-toluidine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4-Chloroaniline	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4-Methoxy-m-phenylenediamine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4,4'-Diaminodiphenylmethane	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
3,3'-Dichlorobenzidine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
3,3'-Dimethoxybenzidine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
3,3'-Dimethybenzidine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4,4'-Methylenedi-o-toluidine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
6-methoxy-m-toluidine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4,4'-methylenebis[2-chloroaniline]	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4,4'-Oxydianiline	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4,4'-Thiodianiline	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
2-Aminotoluene	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4-methyl-m-phenylenediamine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
2,4,5-Trimethylaniline	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
2-Methoxyaniline	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
4-Aminoazobenzene	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
1,3 phenylenediamine	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.			
Total of other primary aromatic amines	mg/kg	0.01	0.01	N.D.	N.D.	N.D.			
Conclu		Conformity							



Regulation 1935/2004/EC, Regulation (EU) No 10/2011

- Specific migration of Heavy metals

Test Method: EN 13130-1:2004

rest Method. EN 13130-1,2004		Limit			Test result(s)	
Test Item(s)	Unit		MDL	1-13		
1620 100111(0)		2	1122	1 st migration	2 nd migration	3 rd migration
Simulant Used: 3% Acetic acid; Tes	8	8	- 8			
Barium (Ba)	mg/kg	1	0.1	N.D.	N.D.	N.D.
Cobalt (Co)	mg/kg	0.05	0.01	N.D.	N.D.	N.D.
Copper (Cu)	mg/kg	5	0.25	N.D.	N.D.	N.D.
Iron (Fe)	mg/kg	48	0.25	N.D.	N.D.	N.D.
Lithium (Li)	mg/kg	0.6	0.1	N.D.	N.D.	N.D.
Manganese (Mn)	mg/kg	0.6	0.1	N.D.	N.D.	N.D.
Zinc (Zn)	mg/kg	5	0.25	N.D.	N.D.	N.D.
Aluminum (Al)	mg/kg	1	0.1	N.D.	N.D.	N.D.
Europium (Eu)	mg/kg	/	0.01	N.D.	N.D.	N.D.
Gadolinium (Gd)	mg/kg	/	0.01	N.D.	N.D.	N.D.
Lanthanum (La)	mg/kg	/	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	mg/kg	/	0.01	N.D.	N.D.	N.D.
Sum(Eu+Gd+La+Tb)	mg/kg	0.05	/	N.D.	N.D.	N.D.
Antimony (Sb)	mg/kg	0.04	0.01	N.D.	N.D.	N.D.
Arsenic (As)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Cadmium (Cd)	mg/kg	N.D.	0.002	N.D.	N.D.	N.D.
Chromium (Cr)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Lead (Pb)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	mg/kg	N.D.	0.01	N.D.	N.D.	N.D.
Nickel (Ni)	mg/kg	0.02	0.01	N.D.	N.D.	N.D.
Ammonium (NH ₄ ⁺)	mg/kg	/	0.10	N.D.	N.D.	N.D.
Calcium (Ca)	mg/kg	/	0.01	0.561	0.164	0.073
Magnesium (Mg)	mg/kg	/	0.01	0.026	N.D.	N.D.
Potassium (K)	mg/kg	/	0.01	0.042	N.D.	N.D.
Sodium (Na)	mg/kg	/	0.01	0.094	N.D.	N.D.
Concl	usion				Conformity	

Regulation 1935/2004/EC, Regulation (EU) No 10/2011 and Regulation (EU) 2024/3190

- Bisphenol A (BPA) content

Test Methods and Equipment: EPA 3540C:1996 & EPA 8321B:2007; LC-MS-MS

Tost Itom(s)	Unit	Limit	MDL	Test Result(s)
Test Item(s)	Omi	LIIIII	MIDL	1-13
Bisphenol A (BPA)	mg/kg	Prohibition	0.01	N.D.
Со	Conformity			

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Report No.: AGC05443250544-001S1



Regulation 1935/2004/EC, Council of Europe Resolution AP (2004)5

- Overall Migration

Test Method: EN 1186-3:2022

Simulant Used	Test Condition	Unit	Limit	MDL	Test result(s) 1-15 3 rd migration
3% Acetic acid	70℃, 2h	mg/dm ²	10	5	N.D.
50% Ethanol	70℃, 2h	mg/dm ²	10	5	N.D.
Conclusion					Conformity

Report No.: AGC05443250544-001S1

Remark: The samples of the following test points were resubmitted on June 16, 2025:1-15

Regulation 1935/2004/EC, Council of Europe Resolution AP (2004)5 and Regulation (EU) 2024/3190

- Bisphenol A (BPA) content

Test Methods and Equipment: EPA 3540C:1996 & EPA 8321B:2007; LC-MS-MS

Test Item(s)	Unit	Limit	MDL	Test Result(s)
rest item(s)	Onit	LIIIII	MDL	1-15
Bisphenol A (BPA)	mg/kg	Prohibition	0.01	N.D.
Co	Conformity			

Remark: The samples of the following test points were resubmitted on June 16, 2025:1-15

DM-4B-COM-003-v01

- Volatile Organic Components (VOC) content

Test Methods: LFGB BfR Part II section XV, May 2003 and LFGB section 35 B80.30 1(EG)

Temperature and Time: Bake at 100°C for 1h and then at 200°C for 4h

Test Item(s)	Unit	Limit	MDL	Test Result(s)
Test Item(s)	Omt	LIIIII	MDL	1-15
Volatile Organic Components	%	0.5	0.1	N.D.
Cond	Conformity			

Remark: The samples of the following test points were resubmitted on June 16, 2025:1-15

DM-4B-COM-003-v01

- Peroxides

 $Test\ Methods:\ European\ Pharmacopoeia\ 9.0\ Method\ 2.5.5\ /\ 58th\ Communication\ on\ testing\ of\ plastics\ in$

Bundesgesundheitsblatt 40 (1997) 412

Tost Itam(s)	Unit	Limit	MDL	Test Result(s)
Test Item(s)	Omi	LIIIII	MDL	1-15
Peroxides	%	Absent	0.2	N.D.
	Conformity			

Remark: The samples of the following test points were resubmitted on June 16, 2025:1-15



- Specific Migration of Organotin (measured as Tin)

Test Methods and Equipment: EN 13130-1:2004; ICP-OES

Cimulant Haad	Simulant Used Test Condition Unit Limit		MDL	Test result(s)	
Simulant Osed			LIIIII	MDL	1-15
3% Acetic acid	70℃, 2h	mg/kg	0.1	0.01	N.D.
	Conformity				

Remark: The samples of the following test points were resubmitted on June 16, 2025:1-15

Regulation 1935/2004/EC and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2020)9

- Specific migration of Heavy metal

Test Method: EDQM (2024)

		T ::4			Test result(s)	
Item(s)	Unit	Limit		MDL	1-25	
		1 st +2 nd migration	3 rd migration		1 st +2 nd migration	3 rd migration
Simulant Used: 0.5%	6 Citric acid					
Barium (Ba)	mg/kg	8.4	1.2	0.1	N.D.	N.D.
Copper (Cu)	mg/kg	28	4	0.1	N.D.	N.D.
Iron (Fe)	mg/kg	280	40	0.1	0.124	N.D.
Tin (Sn)	mg/kg	700	100	0.1	N.D.	N.D.
Chromium (Cr)	mg/kg	7	1	0.01	N.D.	N.D.
Manganese (Mn)	mg/kg	3.85	0.55	0.1	N.D.	N.D.
Zinc (Zn)	mg/kg	35	5	0.1	N.D.	N.D.
Aluminium (Al)	mg/kg	35	5	0.1	N.D.	N.D.
Lithium (Li)	mg/kg	0.336	0.048	0.01	N.D.	N.D.
Beryllium (Be)	mg/kg	0.07	0.01	0.005	N.D.	N.D.
Vanadium (V)	mg/kg	0.07	0.01	0.005	N.D.	N.D.
Nickel (Ni)	mg/kg	0.98	0.14	0.01	N.D.	N.D.
Cobalt (Co)	mg/kg	0.14	0.02	0.01	N.D.	N.D.
Arsenic (As)	mg/kg	0.014	0.002	0.002	N.D.	N.D.
Molybdenum (Mo)	mg/kg	0.84	0.12	0.01	N.D.	N.D.
Silver (Ag)	mg/kg	0.56	0.08	0.01	N.D.	N.D.
Cadmium (Cd)	mg/kg	0.035	0.005	0.002	N.D.	N.D.
Antimony (Sb)	mg/kg	0.28	0.04	0.01	N.D.	N.D.
Mercury (Hg)	mg/kg	0.021	0.003	0.002	N.D.	N.D.
Thallium (Tl)	mg/kg	0.007	0.001	0.001	N.D.	N.D.
Lead (Pb)	mg/kg	0.07	0.01	0.01	N.D.	N.D.
Zirconium (Zr)	mg/kg	14	2	0.01	N.D.	N.D.
Magnesium (Mg)	mg/kg	/	/	0.01	N.D.	N.D.
Titanium (Ti)	mg/kg	/	/	0.01	N.D.	N.D.
Conclusion					Conformity	Conformity

Note:

Results from all three migration are to be considered for compliance: Result of 3rd migration shall not exceed the SRL and Sum of result of 1st and 2nd migration shall not exceed 7 times of SRL.

Remark: The samples of the following test points were resubmitted on July 31, 2025:1-25



Test Method: ISO 105-X12:2016

Rubbing finger: Cylinder

The time of conditioning as well as the atmospheric conditions during testing: 20.7 °C, 64 %R.H., 4 hrs

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

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

Note:

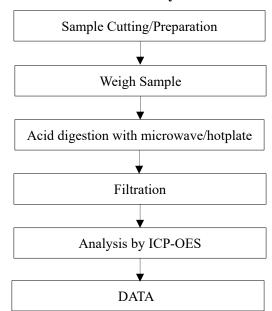
Colour Fastness Grade:

Grade 5 = No Colour Change (Best Grade)

Grade 1 = Colour Change Seriously (Bad Grade)

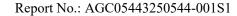
9 grades in gray sample card: 5, 4-5, 4, 3-4, 3, 2-3, 2, 1-2, 1.

Test Flow Chart of Heavy Metal Content



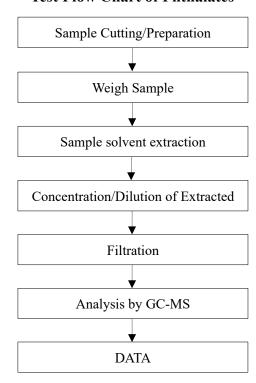
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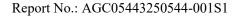
Report No.: AGC05443250544-001S1





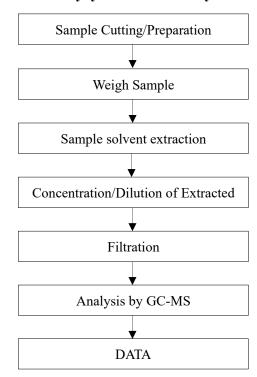
Test Flow Chart of Phthalates

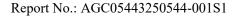






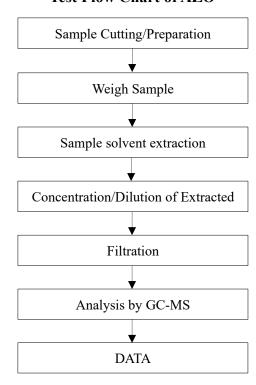
Test Flow Chart of Polycyclic-aromatic Hydrocarbons (PAHs)

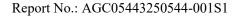






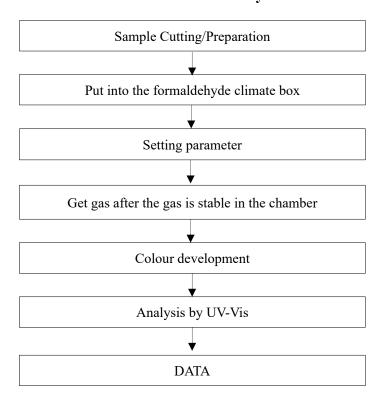
Test Flow Chart of AZO

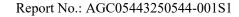






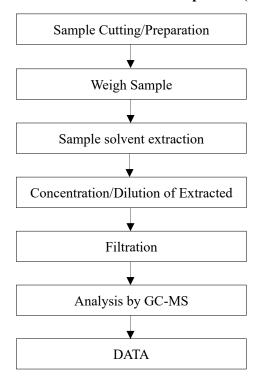
Test Flow Chart of Formaldehyde Release







Test Flow Chart of Pentachlorophenol (PCP)





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*** End of Report ***