

TEST REPORT

APPLICANT : MID OCEAN BRANDS B.V.

ADDRESS : 7/F., KINGS TOWER, 111 KING LAM STREET, CHEUNG
SHA WAN, KOWLOON, HONG KONG

SAMPLE DESCRIPTION : RECYCLED PAPER NOTEBOOK WITH PEN

ITEM NO. : IT3775 / KC7012 / KC7013

MANUFACTURER : 114628

COUNTRY OF ORIGIN : China

COUNTRY OF DESTINATION : EUROPE

SAMPLE RECEIVED DATE : 09-Jan-2023

FURTHER INFORMATION DATE : 19-Jan-2023

TURN AROUND TIME : 09-Jan-2023 to 19-Jan-2023

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Total Lead Content	REACH Annex XVII, Entry 63	Pass
Total Cadmium Content	REACH Annex XVII, Entry 23	Pass
Phthalates Content	REACH Annex XVII, Entry 51 & 52	Pass

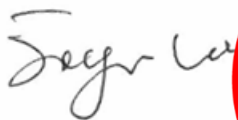
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***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd



Joyce Liu
Lab Manager

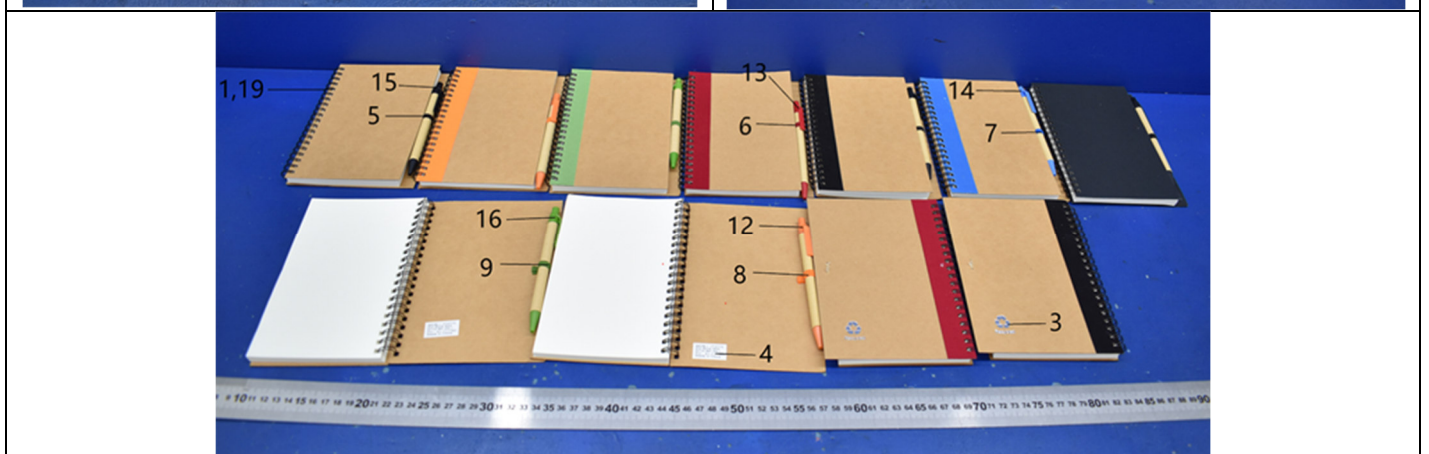
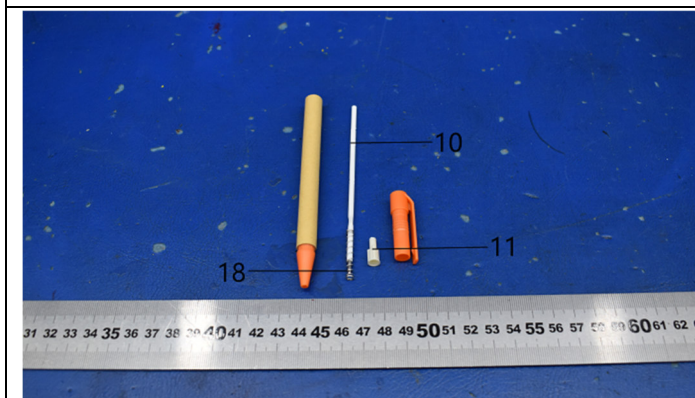
Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to info.sh@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to china.complaint@eurofins.com and referring to this report number.



SAMPLE PHOTO(S)



A B C D E F G
H I



EFSH23010298-CG-01

TO BE CONTINUED

COMPONENT LIST

Component No.	Component	Sample No.
1	Black coating on metal	A,B,C,D,E,F,G,H,I
2	Black paperboard with silver coating	A,H
3	Brown paperboard with silver coating	B,C,D,E,F,G,I
4	White label with black coating	C,D,E,F,G,H,I
5	Black elastic rubber of black elastic band	A,B,D,H,I
6	Red elastic rubber of red elastic band	E
7	Blue elastic rubber of blue elastic band	C
8	Orange elastic rubber of orange elastic band	F
9	Green elastic rubber of green elastic band	G
10	White plastic (refill)	A,B,C,D,E,F,G,H,I
11	Beige plastic (catcher frame)	A,B,C,D,E,F,G,H,I
12	Orange plastic	F
13	Red plastic	E
14	Blue plastic	C
15	Black plastic	A,B,D,H,I
16	Green plastic	G
17	Blue ink	A,B,C,D,E,F,G,H,I
18	Silver metal (spring)	A,B,C,D,E,F,G,H,I
19	Silver metal excluding coating (coil)	A,B,C,D,E,F,G,H,I

TO BE CONTINUED

TEST RESULT

Total Lead Content

Test Request: Total lead content as specified in entry 63 of annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 2015/628.

Test Method: EPA 3050B:1996, EPA 3051A:2007, EPA 3052:1996, acid digestion/ microwave digestion method was used, analysis was performed by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result			
				1	2+3	4	5+6+7
Lead (Pb)	mg/kg	500	10	ND	ND	ND	22

Test Item(s)	Unit	Limit	MDL	Result			
				8+9	10+11+12	13+14	15+16
Lead (Pb)	mg/kg	500	10	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result	
				17	18+19
Lead (Pb)	mg/kg	500	10	17	ND

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Total Cadmium Content

Test Request: Total cadmium content as specified in Commission Regulation (EU) 2016/217 amending entry 23 of Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EPA 3050B:1996, EPA 3052:1996, EN 1122:2001 Method B, acid digestion method was used and total cadmium content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Result		
				1	2+3	4
Cadmium (Cd)	mg/kg	1000	5	19	ND	ND

Test Item(s)	Unit	Limit	MDL	Result			
				5+6+7	8+9	10+11+12	13+14
Cadmium (Cd)	mg/kg	100	5	ND	ND	ND	ND

Test Item(s)	Unit	Limit	MDL	Result
				15+16
Cadmium (Cd)	mg/kg	100	5	ND

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Phthalates Content

Test Request: Phthalates content as specified in entry 51&52 of annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Commission Regulation (EU) 2018/2005.

Test Method: EPA 3550C:2007, EPA 8270E:2018, solvent extraction and quantification by GC-MS.

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					1	2+3	4	5+6+7
Di-n-butyl phthalate (DBP)	84-74-2	%	-	0.005	ND	ND	ND	ND
Benzylbutyl phthalate (BBP)	85-68-7	%	-	0.005	ND	ND	ND	ND
Diethylhexyl phthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	-	0.005	ND	ND	ND	ND
Sum of DEHP, DBP, BBP, DIBP	-	%	0.1	-	ND	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	ND	ND
Sum of DNOP, DINP, DIDP	-	%	0.1	-	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result			
					8+9	10+11+12	13+14	15+16
Di-n-butyl phthalate (DBP)	84-74-2	%	-	0.005	ND	ND	ND	ND
Benzylbutyl phthalate (BBP)	85-68-7	%	-	0.005	ND	ND	ND	ND
Diethylhexyl phthalate (DEHP)	117-81-7	%	-	0.005	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	-	0.005	ND	ND	ND	ND
Sum of DEHP, DBP, BBP, DIBP	-	%	0.1	-	ND	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	-	0.005	ND	ND	ND	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND	ND	ND	ND
Sum of DNOP, DINP, DIDP	-	%	0.1	-	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL	Result
					17
Di-n-butyl phthalate (DBP)	84-74-2	%	-	0.005	ND
Benzylbutyl phthalate (BBP)	85-68-7	%	-	0.005	ND
Diethylhexyl phthalate (DEHP)	117-81-7	%	-	0.005	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	-	0.005	ND
Sum of DEHP, DBP, BBP, DIBP	-	%	0.1	-	ND
Di-n-octyl phthalate (DNOP)	117-84-0	%	-	0.005	ND
Diisononyl phthalate (DINP)	28553-12-0	%	-	0.005	ND
Diisodecyl phthalate (DIDP)	26761-40-0	%	-	0.005	ND
Sum of DNOP, DINP, DIDP	-	%	0.1	-	ND

TO BE CONTINUED

TEST RESULT

Remarks:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

MDL = method detection limit

ND = Not detected, less than MDL

"-"= Not Regulated

Eurofins Product Testing Service (Shanghai) Co., Ltd is a UKAS accredited laboratory, No.9670, and this test is under the accredited testing scope of UKAS.

END OF THE REPORT