



# CTS

CENTRE OF TESTING SERVICE

## TEST REPORT

No.: C3190417034-C

DATE: Apr. 24, 2019

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### APPLICANT:

Mid Ocean Brands B.V.  
Unit 201, 2/F., Laford Centre, 838 Lai Chi Kok Road, Lai Chi Kok, Kowloon, Hong Kong

### DESCRIPTION OF SAMPLES:

Sample Name : PP tumbler with silicone lid  
 Model No. : MO8078  
 Brand Name : /  
 Manufacturer Name : Mid Ocean Brands B.V.  
 Buyer Name : MID OCEAN HONGKONG LIMITED  
 Country of Origin : /  
 Country of Destination : Overseas  
 Sample Receiving Date : Apr. 18, 2019  
 Testing Period : Apr. 18, 2019 to Apr. 24, 2019  
 Test Requested : Please refer to next page(s)  
 Test Method : Please refer to next page(s)  
 Test Results : Please refer to next page(s)

### CONCLUSION:

Tested Samples	Test Requested	Conclusion
Tested Component of Submitted Sample	Phthalates Content	Pass
	Lead Content	Pass
	Cadmium Content	Pass

Note: The test conclusion was given based on the results of tested part.  
The tested part of the sample was specified by client.

Authorized by: CTS (Ningbo) Testing Service Technology Co., Ltd.



Jane.Ye

Lab Manager

The measurement results only apply to the submitted samples.  
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### TEST RESULTS:

#### 1) Phthalates Content

With reference to EPA 3540C and EPA 8270D: Solvent extraction, followed by analysis using Gas Chromatography-Mass Spectrometry

Sample Description		Result (%)				Total (%)	Maximum Allowable Limit (%)
		DEHP	DBP	BBP	DIBP		
No.1	White plastic	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
No.2	Blue silicone	N.D.	N.D.	N.D.	N.D.	N.D.	0.1

Sample Description		Result (%)			Total (%)	Maximum Allowable Limit (%)
		DINP	DNOP	DIDP		
No.1	White plastic	N.D.	N.D.	N.D.	N.D.	0.1
No.2	Blue silicone	N.D.	N.D.	N.D.	N.D.	0.1

- Note :
1. N.D.=Not Detected (<MDL)
  2. 1mg/kg=1ppm=0.0001%
  3. The limit refers to ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 2005/84/EC).
  4. The method detect limit for each Phthalates are:

Method Detect Limit		
Phthalates	DEHP (Di- (2-ethylhexyl)phthalate)	0.005%
	DBP (Dibutyl phthalate)	0.005%
	BBP (Benzyl butyl phthalate)	0.005%
	DIBP (Di-isobutyl phthalate)	0.005%
	DINP (Di-isononyl phthalate)	0.005%
	DNOP (Di-n-octyl phthalate)	0.005%
	DIDP (Di-isodecyl phthalate)	0.005%

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### 2) Lead Content

Test Item(s)	Test Method	Test Instrument	MDL
Lead (Pb)	US EPA3052	ICP-AES	2 mg/kg

Remark: MDL= Method Detection Limit

Sample Description		Result (mg/kg)	Limit (mg/kg)
		Lead (Pb)	
No.1	White plastic	N.D.	100
No.2	Blue silicone	N.D.	100

- Note :
- 1 mg/kg = 1 ppm = 0.0001%
  - N.D. = not detected (less than 2 mg/kg)
  - The limit refers to ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 76/769/EEC).

### 3) Cadmium Content

With reference to EN1122:2001B.

Sample Description		Result (mg/kg)	Limit (mg/kg)
		Cadmium (Cd)	
No.1	White plastic	N.D.	100
No.2	Blue silicone	N.D.	100

- Note :
- 1 mg/kg = 1 ppm = 0.0001%
  - N.D. = not detected (less than 2 mg/kg)
  - The limit refers to ANNEX XVII of the REACH Regulation (EC) No.1907/2006 & Amendment No. 552/2009 (formerly known as Directive 76/769/EEC).

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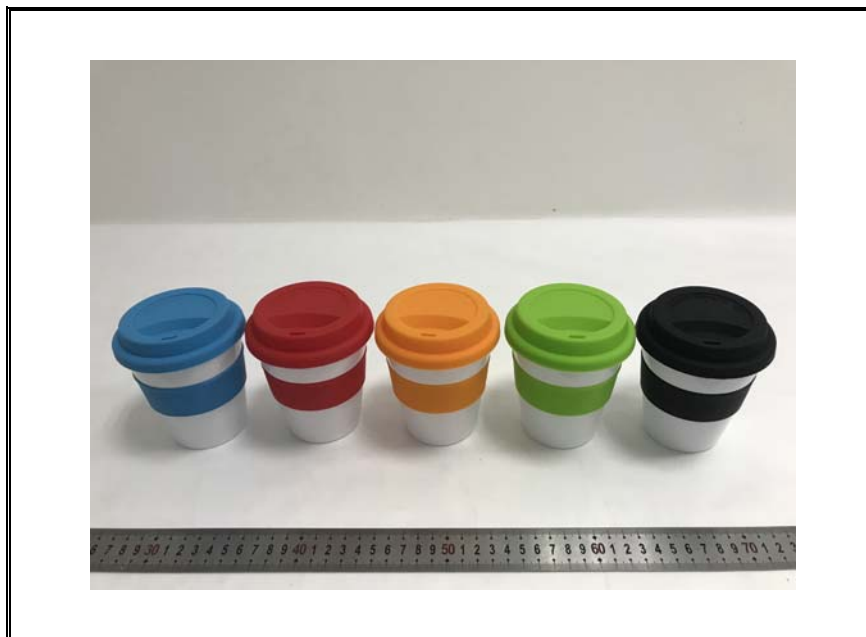
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### SAMPLE REFERENCE PHOTO:



\*\*\*End of Report\*\*\*

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