

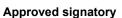
# **TEST REPORT**

		Test information					
Applicant	:	SIMPLE SYMBOL LTD.					
Address	:	511 - 4, Hunghom Commercial Centre, Tower A, 39 Ma Tau Wai Road, Hunghom, Kowloon, HK.					
Sample Description	:	TUMBLERS 8CT PLASTIC KIDS MULTI COLOR BRITES PK.					
PO#	:	380.					
Style #	:	G41369.					
Country of origin	:	China.					
Export to	:	USA.					
Supplier	:	SIMPLE SYMBOL LTD.					
Buyer	:	INVENTORY LIQUIDATORS, GORP.					
Receiving Date	:	July 19, 2022.					
Test period	:	July 19, 2022.~July 23, 2022.					
Amended date	:	July 25, 2022.					
Test Requested	:	Tests requested in accordance to client requirement.					

TEST ITEMS	CONCLUSION				
Soluble fraction in Xylene – US FDA 21 CFR 177.1520	PASS				
Extractable fraction in n-hexane – US FDA 21 CFR 177.1520	PASS				
Density at 23°C– US FDA 21 CFR 177.1520	PASS				
Melting point – US FDA 21 CFR 177.1520 PAS					
Total Lead(Pb) in Children's Product - CPSIA Section 101	PASS				
Phthalates Content test - CPSC 16 CFR PART 1307					
Bis-phenol-A(BPA) content test	SEE RESULTS				

This report replaces the original report: RTS220719D2718FD, The original report was voided.

Signed for and on behalf of RTS TEST CO., LTD.( Zheijang 6 X 谔 RTS 25 **BINBIN ZOU** 







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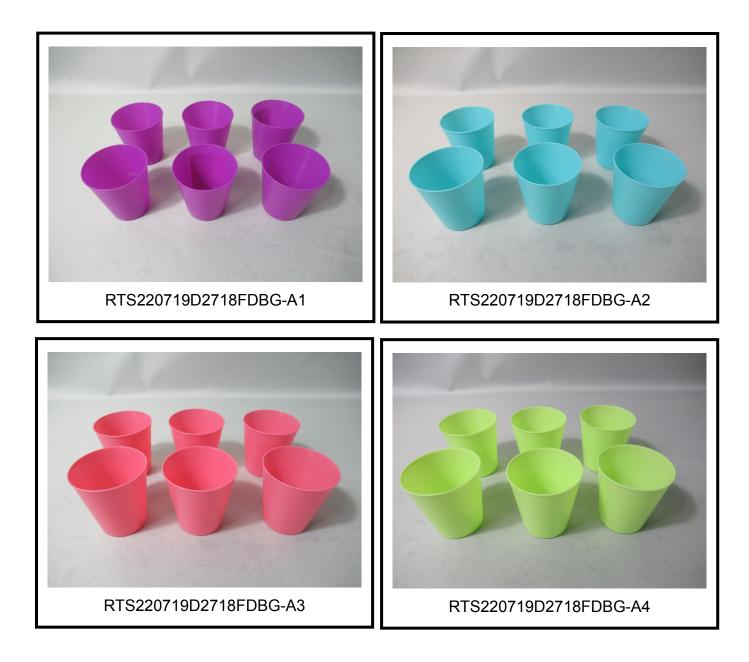
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Date : 2022-07-25

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# Sample image:



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# Finished product image:



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## Test result:

## A.\*Soluble fraction in xylene – US FDA 21 CFR 177.1520:(Unit: w/w %)

Test method: With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ componen	Material (claimed by the client)		
A1	Purple plastic cup	PP		

Simulant Used Time		Temp	Detection limit	Test result A1	Maximum Permissible Limit
Soluble fraction in xylene, w/w %	1h	25°C	0.5	3.00	9.8

Note:

1)N.D= Not detected, less than Detection limit.

2)%(w/w) = percentage of weight by weight.

3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

### B.\*Extractable fraction in n-hexane – US FDA 21 CFR 177.1520:(Unit: w/w %)

#### Test method: With reference to US FDA 21 CFR 177.1520.

Test Number	Item/ component description(s) M					Mate	Material (claimed by the client)		
A1	Purple plastic cu	Purple plastic cup PP							
Simulant Used		d Time Temp Detection			<b>Test result</b> A1		Maximum permissible Limit		
Extractable fraction in n-hexane at reflux temperature , w/w %		2h	reflux temperature	0.5	1.3	8	6.4		

Note:

1)N.D= Not detected, less than Detection limit.

2)%(w/w) = percentage of weight by weight.

3) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

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## C.\* Density at 23°C - US FDA 21 CFR 177.1520:(Unit: g/cm<sup>3</sup>)

Test method: With reference to US FDA 21 CFR 177.1520 d(1).

Test Number	Iter	Material (claimed by the client)				
A1	Purple plastic cup PP					
<b>T</b> = = ( + 1 +		Test result	Maximum permissible			
Test	item(s)	A1	Limit			
Density at 23°C, g/cm³ Comment		0.903	0.880-0.913			

Note:

1) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

## D.\*Melting point – US FDA 21 CFR 177.1520:(Unit: °C)

#### Test method: With reference to US FDA 21 CFR 177.1520 d(2).

Test Number	Iter	Material (claimed by the client)				
A1	Purple plastic cup PP					
Test item(s)		Test result	Maximum permissible			
		A1	Limit			
Melting point,°C		169.9	160-180			

Note:

1) Maximum permissible Limit is reference to 21 CFR 177.1520(c) 1.1a.

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## E. Total Lead in Substrate Materials: (Unit: mg/kg)

Section 101 of the Consumer Product Safety Improvement Act of 2008 (CPSIA) (pdf) (Public Law 110-314), as modified by H.R. 2715 (Public Law 112-28, August 12, 2011) and in section 2(q)(1) of the Federal Hazardous Substances Act (pdf), 15 U.S.C. § 1261(q)(1) (FHSA).

## Test method:

Metal - CPSC-CH-E1001-08.3., Nonmetal - CPSC-CH-E1002-08.3.,

Was analyzed by flame atomic absorption spectrometry (AAS) or inductively coupled plasma spectrometer (ICP-OES).

Test Number	Item/ component description(s)			
A1	Purple plastic cup			
A2	Blue plastic cup			
A3	Pink plastic cup			
A4	Green plastic cup			

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
	A1	5	N.D.	100	PASS
Lead	A2	5	N.D.	100	PASS
(Pb)	A3	5	N.D.	100	PASS
	A4	5	N.D.	100	PASS

Note:

1) MDL=Method Detection Limit.

2) N.D. = not detected, less than MDL.

3) Any substrate material, that is not more than 100ppm lead by weight.

4)"▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

#### Remark:

Zhejiang RTS Test Co., ltd. is the US (CPSC) Accredited Third Party Testing Laboratory, <u>LAB ID: 1422</u>, Shall refer to: <u>https://www.cpsc.gov/cgi-bin/LabSearch/ViewDetail.aspx?RegId=7%2bFdY2oZNSUVU5mvbl6jQA%3d&LabId=CJaal8d5DKIPqgie8zcyrw%3d%3d</u>

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## F. Phthalates Content Test: (Unit: mg/kg)

Consumer Product Safety Commission (CPSC)16 CFR PART 1307 Prohibited children's toys and child care articles shall not contain more than 0.1% of any of the specified phthalates.

Test method: With reference to CPSC-CH-C1001-09.4, was analyzed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Number	Item/ component description(s)						
A1	Purple plastic cup	Purple plastic cup					
Test Item(s)		CAS No.	Results A1	MDL	Limit value		
Dibutyl Phthalate([	OBP)	84-74-2	N.D.	50	1000		
Benzylbutyl Phthalate(BBP)		85-68-7	N.D.	50	1000		
Bis-(2-ethylhexyl)Phthalate(DEHP)		117-81-7	N.D.	50	1000		
Di-iso-nonyl Phthalate(DINP)		28553-12-0	N.D.	50	1000		
Diisobutyl phthalate (DIBP)		84-69-5	N.D.	50	1000		
Dipentyl phthalate (DPENP)		131-18-0	N.D.	50	1000		
di-n-Hexyl phthalate (DHEXP)		84-75-3	N.D.	50	1000		
Dicyclohexyl phtha	late (DCHP)	84-61-7	N.D.	50	1000		

#### Note:

1) N.D. = not detected, less than MDL.

Conclusion

2) MDL = Method Detection Limit.

3)"▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

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PASS

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## G. \*Bis-phenol-A(BPA) Content test: (Unit:mg/kg)

Test method: With reference to EPA 3550C:2007, Analysis was performed by LC-MS/MS.

Test Number		Item/ component description(s)					
A1	Purple	Purple plastic cup					
Test Items	5	Test number	MDL	Test Results			
Bis-phenol-A(E (CAS No.:80-0		A1	0.1	N.D.			

Note:

1) 1mg/kg = 0.0001% = mass percent.

2) N.D. = Not detected, less than 0.1 mg/kg.

3)"▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

----- End of Report -----

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