



Report No.: RTS200313P1238FD

Date : 2020-03-23

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TEST REPORT

Test information

Applicant	:	Ningbo Cstar Imp&Exp Co.,Ltd.
Address	:	Floor 4,Building E,No. 655-90,Qiming Road,Yinzhou Investment &Innovation Center,Ningbo.
Sample Name	:	10 oz Stainless Cups.
Style #	:	CD175018/DW08.
Country of origin	:	China.
Receiving Date	:	March 13, 2020.
Test period	:	March 13, 2020.~March 23, 2020.
Test Requested	:	Tests requested in accordance to client requirement.

<u>TEST ITEMS</u>	<u>CONCLUSION</u>
Total lead(Pb) in Children's Product - CPSIA Section 101	PASS
Total Lead(Pb) in Paint and Other similar Surface coating – CPSIA Section 101 & 16 CFR Part 1303	PASS
Total Cadmium content test–California Proposition 65- Superior Court of California- County of Alameda Case No. RG 10-514803	PASS
Phthalates Content test – CPSC 16 CFR 1307 & CP65 A.B.1108	PASS
Bis-phenol-A(BPA) content test - Client's requirement	PASS
Determination of Amount of Net Chloroform Soluble Extractives – FDA 21 CFR 177.1210(Closure with Sealing Gaskets)	PASS
Total Chromium content in stainless steel – US FDA General Recognized As Safe (GRAS) specifications	PASS
Acrylonitrile Copolymers – FDA 21 CFR 180.22 & 21 CFR 181.32	PASS

Signed for and on behalf of
RTS TEST CO., LTD. (Zhejiang)

Ye

CHANGBIAO YU

Approved signatory

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Sample image:



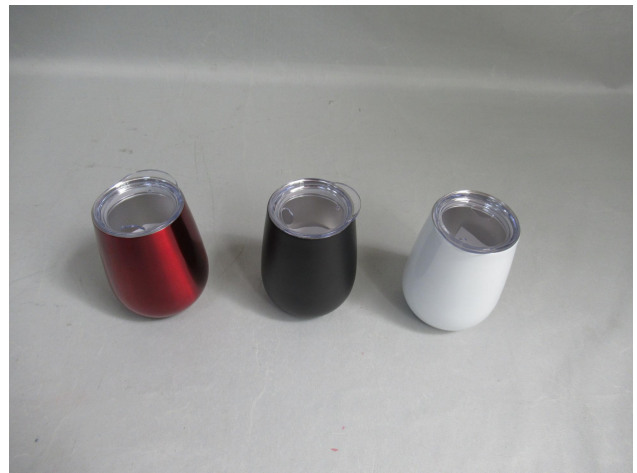
RTS200313P1238FD-A



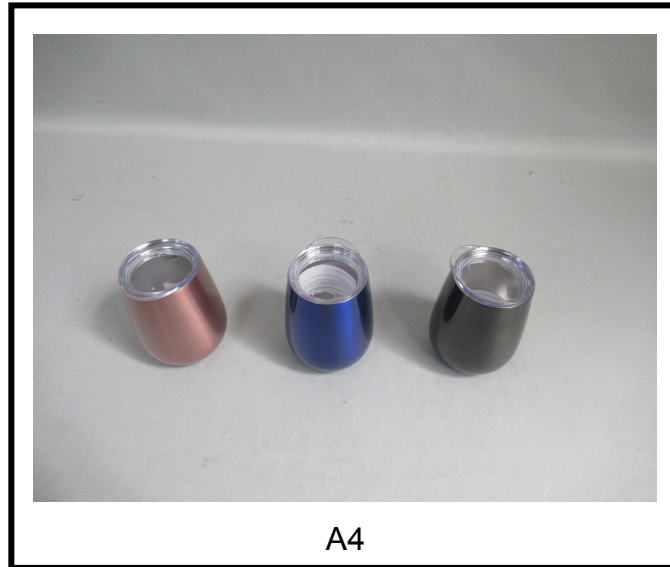
A1/A2.3



A2.1/A2.2



A3

Sample image:

**Test result:****A1. 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 or US EPA 3050B (modified).Nonmetal- US EPA 3052(modified) Or 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)	Material (claimed by the client)
A1	Stainless steel bottle (inner surface)	Stainless steel
A2	Transplant plastic lid & White silicone seal ring & black plastic (back)	AS+Silica gel+EVA

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Lead (Pb)	A1	5	9	100	PASS
	A2▲	5	13	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.

**A2. Lead(Pb) in Paint and Other similar Surface coating:(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 16 CFR part 1303.

Test method:

Surface coating- with reference to CPSC-CH-E1003-09.1, Was analyzed by flame atomic absorption spectrometry(AAS) or Inductively coupled plasma spectrometer (ICP-OES).

Test Number	Item/ component description(s)	Material (claimed by the client)
A3	Coating (white & red & black)	Coating
A4	Coating (gun black & blue & rose golden)	Coating

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Lead (Pb)	A3▲	5	16	90	PASS
	A4▲	5	15	90	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 3) Any surface coating, that is not more than 90ppm 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, [LAB ID: 1422](#), Shall refer to:

<https://www.cpsc.gov/cgi-bin/LabSearch/ViewDetail.aspx?ReqId=7%2bFdY2oZNSUVU5mvl6jQA%3d%3d&LabId=CJaa18d5DKIPqgie8zcyw%3d%3d>

**B. Total Cadmium content test: (Unit:mg/kg)**California Proposition 65- Superior Court of California- County of Alameda Case No. **RG 10-514803****Test method:** According to US EPA 3050B:1996 modified , Was analyzed by flame atomic absorption spectrometry(AAS) or Inductively coupled plasma spectrometer (ICP-OES)

Test Number	Item/ component description(S)	Material (claimed by the client)
A1	Stainless steel bottle (inner surface)	Stainless steel
A2	Transplant plastic lid & White silicone seal ring & black plastic (back)	AS+Silica gel+EVA
A3	Coating (white & red & black)	Coating
A4	Coating (gun black & blue & rose golden)	Coating

Test item	Test Number	MDL	Test Result	Maximum permissible limit	Conclusion
Cadmium (Cd)	A1	5	N.D.	300	PASS
	A2▲	5	8	300	PASS
	A3▲	5	9	300	PASS
	A4▲	5	7	300	PASS

Note:

- 1) MDL=Method Detection Limit.
- 2) N.D. = not detected, less than MDL.
- 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.

**C. Phthalates Content test:(Unit:mg/kg)**

Consumer Product Safety Commission (CPSC)16 CFR Part 1307 and California Proposition 65 A.B.1108.

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

Test Number	Item/ component description(s)	Material (claimed by the client)
A2	Transplant plastic lid & White silicone seal ring & black plastic (back)	AS+Silica gel+EVA
A3	Coating (white & red & black)	Coating
A4	Coating (gun black & blue & rose golden)	Coating

Test Item(s)	CAS No.	Results			MDL	Limit value
		A2▲	A3▲	A4▲		
Dibutyl Phthalate(DBP)	84-74-2	N.D.	N.D.	N.D.	50	1000
Benzylbutyl Phthalate(BBP)	85-68-7	N.D.	N.D.	N.D.	50	1000
Bis-(2-ethylhexyl)Phthalate(DEHP)	117-81-7	N.D.	N.D.	N.D.	50	1000
Di-n-octyl Phthalate(DNOP)	117-84-0	N.D.	N.D.	N.D.	50	1000
Diisodecyl Phthalate(DIDP)	26761-40-0	N.D.	N.D.	N.D.	50	1000
Di-iso-nonyl Phthalate(DINP)	28553-12-0	N.D.	N.D.	N.D.	50	1000
Di-n-hexyl Phthalate(DHEXP)	84-75-3	N.D.	N.D.	N.D.	50	1000
Diisobutyl phthalate (DIBP)	84-69-5	N.D.	N.D.	N.D.	50	1000
Dipentyl phthalate (DPENP)	131-18-0	N.D.	N.D.	N.D.	50	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	N.D.	N.D.	N.D.	50	1000
Conclusion:	-	PASS	PASS	PASS	-	-

Note:

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

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.

**D. *Bis-phenol-A(BPA) Content test:(Unit:mg/kg)****Test method:** With reference to EPA 3550C:2007, Analysis was performed by LC-MS.

Test Number	Item/ component description(s)			Material (claimed by the client)	
A2	Transplant plastic lid & White silicone seal ring & black plastic (back)			AS+Silica gel+EVA	
Test Items	Test number	MDL	Test Results	Client's Limit	Conclusion
Bis-phenol-A(BPA) (CAS No.:80-05-7)	A2▲	0.1	N.D.	0.1	PASS

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.

E. *Determination of Amount of Net Chloroform Soluble Extractives – US FDA 21 CFR 177.1210(Closure with Sealing Gaskets):**Test method:** With reference to US FDA 21 CFR 177.1210.

For preformed overall discs or annular rings from vulcanized plasticized polymers including rubber:

Test Number	Item/ component description(s)			Material (claimed by the client)	
A2.1	White silicone seal ring			Silica gel	
Extractants	Test Condition	Test result(mg/kg) A2.1	Detection limit (mg/kg)	permissible Limit (mg/kg)	
Deionized water	212°F for 0.5 hours	N.D.	5	50	

Note: 1) N.D.= Not detected.



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F. *Total Chromium content in stainless steel – US FDA General Recognized As Safe(GRAS)specifications:**Test method:** Acid digestion followed by analysis with inductively coupled argon plasma-atomic emission spectrometry.

Test Number	Item/ component description(s)	Material (claimed by the client)
A1	Stainless steel bottle (inner surface)	Stainless steel

Test item	Detection limit	Unit	Test result A1	Requirement
Chromium(Cr)	0.005	%	> 16	Not less than 16%
Conclusion			PASS	--

Note: 1)%= percentage by weight**G. * Acrylonitrile Copolymers – US FDA 21 CFR 180.22 & 21 CFR 181.32:****Test method:** With reference to US FDA 21 CFR 180.22 & 21 CFR 181.32.

Test Number	Item/ component description(s)	Material (claimed by the client)
A2.2	Transplant plastic lid	AS

Extractants	Test Condition	Test result(mg/in ²) A2.2	Maximum permissible Limit(mg/in ²)
Distilled Water	212°F for 0.5 hours	<0.003	0.003

Note:

1) "<"=less than

2) mg/in² = mg per square inch

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

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