



## Test Report

No.: GZHG1109025709IP

Date: SEP 15, 2011

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IDEAL HOUSEWARE CO., LTD  
RM 1718, TAIHENG BLDG, 18, SI YOU YI ROAD, GUANGZHOU, CHINA

The following sample(s) was/were submitted and identified on behalf of the applicant as

Sample Description : TRAINING CUP  
SGS Job No. : GZ1109117113/CHEM  
Manufacturer : IDEAL HOUSEWARE CO., LTD  
Date of Sample Received : SEP 07, 2011  
Testing Period : SEP 07, 2011 TO SEP 15, 2011  
Test Requested : In accordance with EN 14350-2: 2004 Child use and care articles – Drinking equipment Part 2: Chemical requirements and tests and Commission Regulation (EU) No 10/2011 of 14 January 2011.  
1) For material: Silicone rubber, thermoplastic elastomers (TPEs) and thermoplastic – Overall migration test  
2) For material: Silicone rubber, thermoplastic elastomers (TPEs) and thermoplastic – Migration of certain elements.  
3) For material: silicon rubber, thermoplastic elastomers (TPEs) – N - Nitrosamines and N – Nitrosatable substances release.  
4) For material: Silicone rubber – Volatile compounds content.  
Test Method : 1) With reference to EN 1186-1:2002 for selection of conditions and test methods; EN 1186-3:2002 aqueous food simulants by total immersion method; EN 1186-9:2002 aqueous food simulants by article filling method;  
2) With reference to EN 14350-2:2004 and EN71-3. Analysis was performed by ICP-OES  
3) With reference to EN 14350-2:2004 and EN 12868:1999. Analysis was performed by GC/NPD & GC/MS.  
4) With reference to EN 14350-2:2004.  
Test Results : Please refer to the next page.

Signed for and on behalf of  
SGS-CSTC Ltd.

Yan Lau  
Approved signatory

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### Test Results:

1)

Simulant Used	Test Condition	Overall Migration (mg/kg)				Maximum Permissible Limit (mg/kg)
		Sample	Sample	Sample	Sample	
		No.1	No.2	No.3	No.4	
3% Acetic acid (w/v)	24 hours at 40 °C	< 20	< 20	< 20	< 20	60
50% Ethanol (v/v)	24 hours at 40 °C	< 20	< 20	< 20	< 20	60

- Note : 1. < = less than  
 2. mg/kg = milligram per kilogram foodstuff in contact with  
 3. The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V.  
 4. Test sample No.2& No.4 was applied to container with capacity of 0.24 L.

2)

Test Item(s)	Unit	No.1	No.2	No.3	No.4	MDL	Limit
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	5	25
Soluble Antimony (Sb)	mg/kg	N.D.	N.D.	N.D.	N.D.	5	15
Soluble Arsenic (As)	mg/kg	N.D.	N.D.	N.D.	N.D.	5	10
Soluble Barium (Ba)	mg/kg	N.D.	N.D.	N.D.	N.D.	10	100
Soluble Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	5	20
Soluble Chromium (Cr)	mg/kg	N.D.	N.D.	N.D.	N.D.	5	10
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	N.D.	5	10
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	N.D.	N.D.	10	100

### Note:

1. mg/kg = ppm  
 2. N.D. = Not Detected (< MDL)  
 3. MDL = Method Detection Limit  
 4. Results of soluble elements shown are of the adjusted analytical results

3)

Test Items	Unit	Result		MDL	Maximum Permissible Limit
		No.3	No.4		
N-Nitrosamines	mg/kg	N.D.	N.D.	0.01	0.01
N-Nitrosatable substances		N.D.	N.D.	0.1	0.1

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Note: 1. N-Nitrosamines tested : N-nitrosodimethylamine (NDMA), N-nitrosodiethylamine (NDEA), N-nitrosodipropylamine (NDPA), N-nitrosodibutylamine (NDBA), N-nitrosopiperdine (NPIP), N-nitrosopyrrolidine (NPYR), N-nitrosomorpholine (NMOR), N-nitrosodibenzylamine (NDBzA), N-nitroso-N-methyl-N-phenylamine (NMPHA), N-nitroso-N-ethyl-N-phenylamine (NEPHA) and N-nitrosodisonylamine (NDiNA).

2. mg/kg = milligram per kilogram

3. N.D. = Not Detected (<MDL)

4)

Test Items	Result (% w/w)	Maximum Permissible Limit (% w/w)
	No.5	
Volatile compounds content	0.1	0.5

Note: 1. % w/w = Percentage of weight by weight

### Test Part Description:

No. 1 Translucent plastic cup

No. 2 Translucent plastic lid

No. 3 Translucent rubber nipple

No. 4 Translucent silicone rubber

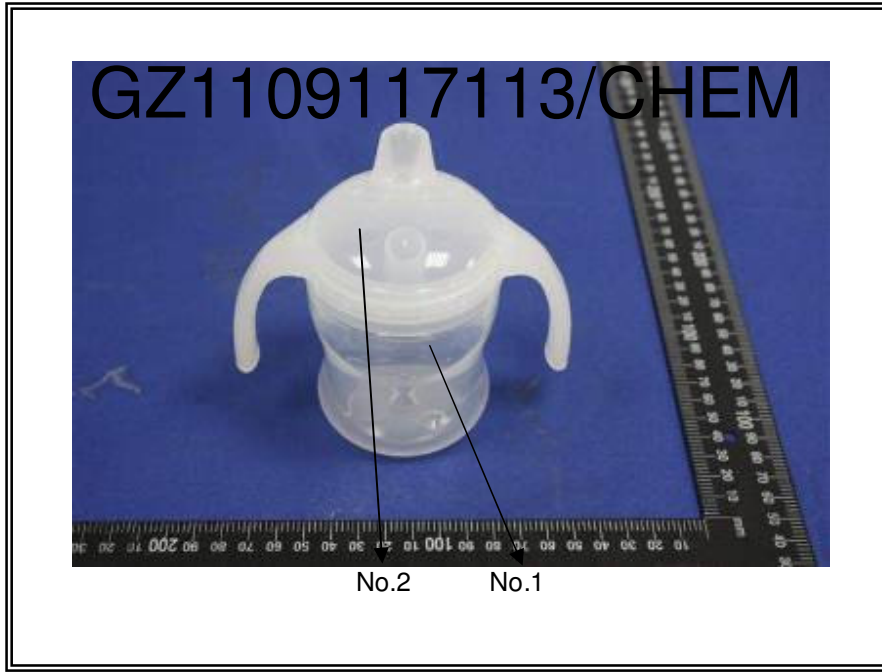
No. 5 Translucent silicone rubber (5#)

Remark: Results & photo(s) of No.1~No.4 in this report refer to test report GZ1106082037/CHEM.

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Sample photo :



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No.4



No.5

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

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