



Test Report

No.: GZ1108105049/CHEM

Date: AUG 17, 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 FEEDING BOTTLE

SGS Job No. : GZHG1108022867FG
Manufacturer : IDEAL HOUSEWARE CO., LTD
Date of Sample Received : AUG 10, 2011
Testing Period : AUG 10, 2011 TO AUG 17, 2011

Test Requested: In accordance with EN 14350-2: 2004 Child use and care articles – Drinking equipment Part 2: Chemical requirements and tests, Council of Europe Resolution AP(2004)5 and Commission Regulation (EU) No 10/2011 of 14 January 2011.

- 1) For material: Plastics, Silicone rubber– Overall migration test
- 2) For material: silicone rubber– Migration of certain elements.
- 3) For material: silicon rubber– 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.

Jenny Jiang
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	
		No.1	No.2	No.3	
3% Acetic acid (w/v)	24 hours at 40°C	< 20	< 20	< 20	60
50%Ethanol (v/v)	24 hours at 40°C	< 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 was applied to container with capacity of 0.12 L.

2)

Test Item(s)	Unit	No.1	No.2	No.3	MDL	Limit
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	5	25
Soluble Antimony (Sb)	mg/kg	N.D.	N.D.	N.D.	5	15
Soluble Arsenic (As)	mg/kg	N.D.	N.D.	N.D.	5	10
Soluble Barium (Ba)	mg/kg	N.D.	N.D.	N.D.	10	100
Soluble Cadmium (Cd)	mg/kg	N.D.	N.D.	N.D.	5	20
Soluble Chromium (Cr)	mg/kg	N.D.	N.D.	N.D.	5	10
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	5	10
Soluble Selenium (Se)	mg/kg	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		
N-Nitrosamines	mg/kg	N.D.	0.01	0.01
N-Nitrosatable substances		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.4	
Volatile compounds content	0.15	0.5

- Note: 1. % w/w = Percentage of weight by weight
2. < = less than

Test Part Description:

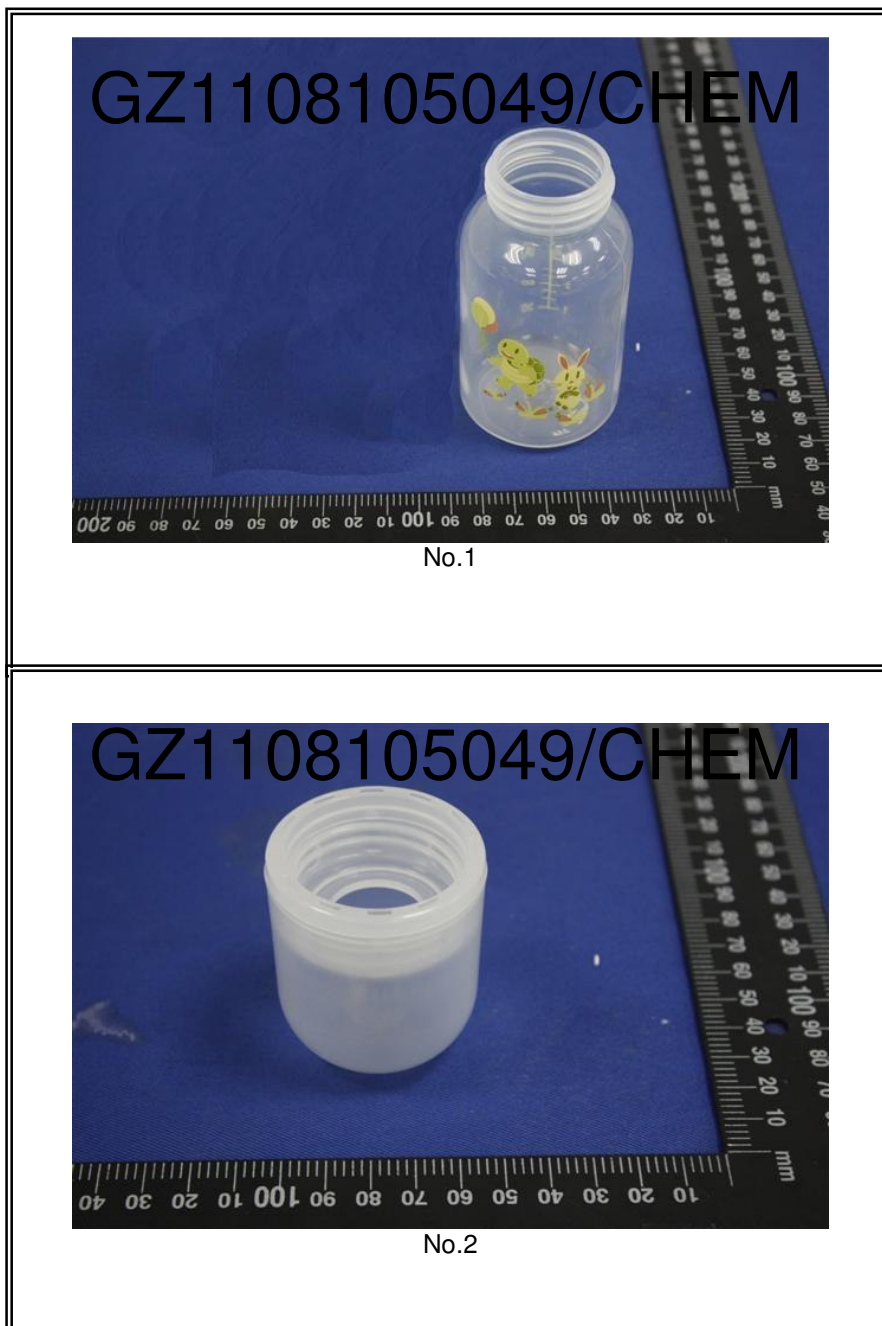
- No. 1 Translucent plastic bottle
- No. 2 Translucent plastic lid
- No. 3 Translucent silicone rubber nipple
- No. 4 Translucent silicone rubber nipple (4#)

Remark: Results & photo(s) of No.1~No.3 in this report refer to No.1~No.3 in test report GZ1106082036/CHEM.

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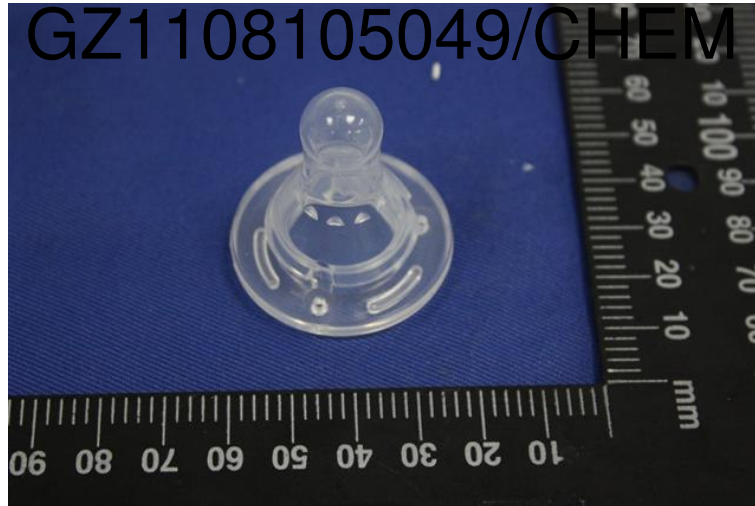


Sample photo :

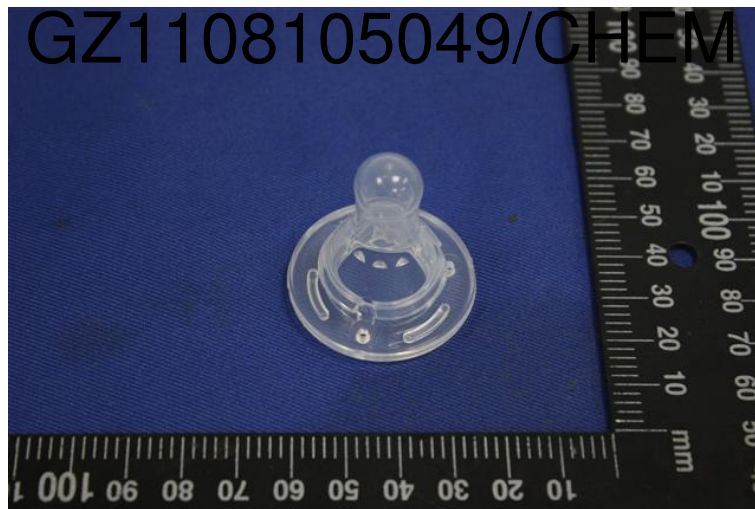


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No.3



No.4

SGS authenticate the photo on original report only

*** End of Report ***

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