



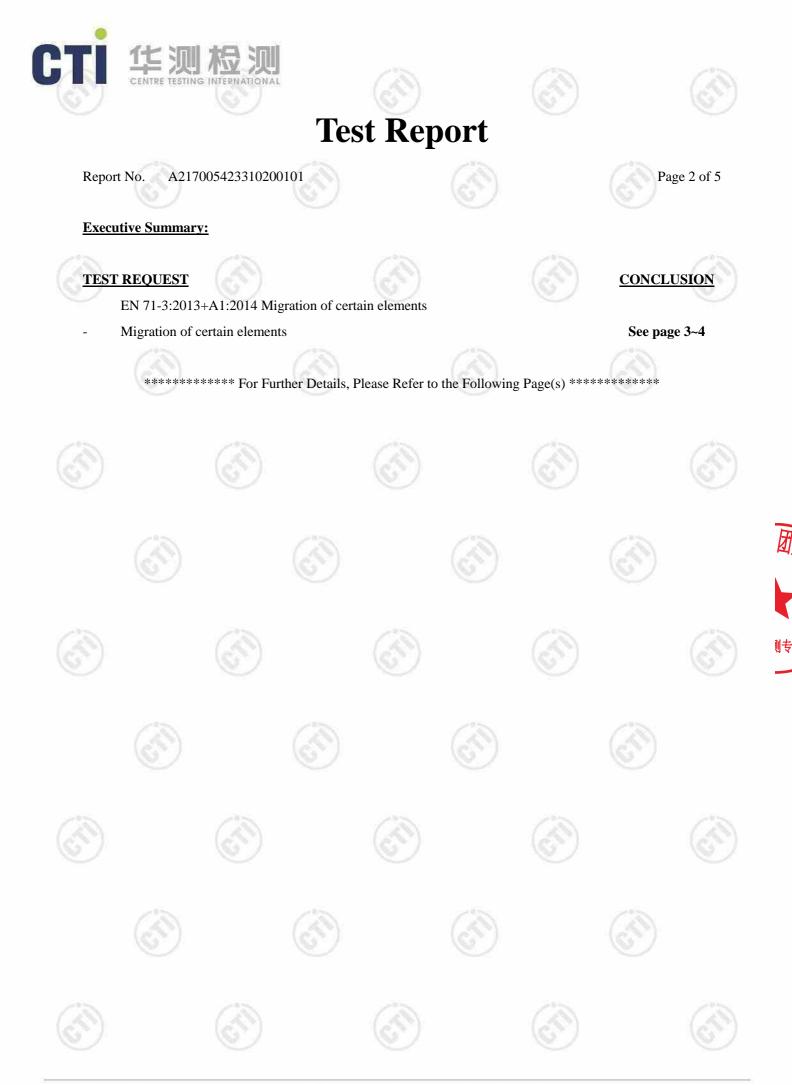


Report No. A217005423310200101

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ApplicantZHANGZHOU YINMEI PRINTING INK CO.,LTDAddressDONGCHE VILLAGE, HUOTIAN TOWN, YUNXIAO COUNTY, ZHANGZHOU CITY,
FUJIAN PROVINCE, CHINA

The following sample the client Sample Name Part No. Sample Received Date Testing Period	e(s) and sample informat INK G432-10400 e Oct. 31, 2017 Oct. 31, 2017 t		ubmitted and	d identified b	y/on the beha	lf of
Test Conducted: As requested by the ap	oplicant, for details refer to	o next page(s)		Ì		
					(F)	
		Ì				
					Ì	
Tested by	Group Jing	Review	ed by	Bry	Ни	(F
11年日月1日	Victor Wang Lab Manager	Date	Ì	Nov.	5, 2017	
全日本 1000 1000 1000 1000 1000 1000 1000 10	CA	g, No.4, Liuxian 3ro	d road, Xin'an S		No. R1589216 District, Shenzher	





Report No. A217005423310200101

EN 71-3:2013+A1:2014 Migration of certain elements

▼ Migration of certain elements

Method(s) EN 71-3:2013+A1:2014 was/were used, and the item(s) was/were analyzed by ICP-OES, ICP-MS, HPLC-ICP-MS and/or GC-MS.

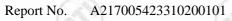
Category Ⅲ: scraped-off toy material

Tests d Item (a) <u>Result</u> (mg/kg)		MDL	Limit	
Tested Item(s)	001	(mg/kg)	(mg/kg)	
Aluminium (Al)	N.D.	50	70000	
Antimony (Sb)	N.D.	5	560	
Arsenic (As)	N.D.	5	47	
Barium (Ba)	N.D.	50	18750	
Boron (B)	N.D.	50	15000	
Cadmium (Cd)	N.D.	1	17	
Chromium (III) #1	N.D.	0.2	460	
Chromium (VI)	N.D.	0.002	0.2	
Cobalt (Co)	N.D.	5	130	
Copper (Cu)	N.D.	50	7700	
Lead (Pb)	N.D.	5	160	
Manganese (Mn)	N.D.	50	15000	
Mercury (Hg)	N.D.	5	94	
Nickel (Ni)	N.D.	5	930	
Selenium (Se)	N.D.	5	460	
Strontium (Sr)	N.D.	50	56000	
Tin (Sn) #2	N.D.	2	180000	
Organic tin (TBT) ^{#3}	N.D.	0.05	12	
Zinc (Zn)	N.D.	50	46000	



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Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Filter paper was used instead of membrane filter in lab testing.
- ^{#1} Trivalent chromium (Cr (III)) = Chromium (Cr) Hexavalent chromium (Cr (VI)), where the chromium content exceeded the limits of hexavalent chromium and/or trivalent chromium, then hexavalent chromium was analyzed by HPLC-ICP-MS and trivalent chromium content was calculated using the formula.
- ^{#2} Tin(Sn) content can be used for screen test for organic tins analysis to show compliance with the requirement of EN 71-3:2013+A1:2014.
 - ^{#3} The migration of organic tin is expressed as tributyltin (TBT). where the tin content exceeded the limit of organic tin, ten organic tins listed in table were determined by GC-MS and the client should be noted there are other organic tins may be present in toy materials.

e present in toy materials.	
Organic tins tested under EN 71-3	3:2013+A1:2014
Methyl tin (MeT)	
Butyl tin (BuT)	and the second s
Dibutyl tin (DBT)	S
Tributyl tin (TBT)	
Tetrabutyl tin (TeBT)	
n-Octyl tin (MOT)	(2)
Di-n-octyl tin (DOT)	(S)
Di-n-propyl tin (DProT)	
Diphenyl tin (DPhT)	
Triphenyl tin (TPhT)	
18.20	C

Tested Sample/Part Description

- 001
- White ink

Note:

- The test result(s) is(are) presented in reference to the result(s) that reported in A2170054233102001.



Hotline: 400-6788-333



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*** End of Report ***

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