

TEST REPORT

NUMBER: SZHH00391488

APPLICANT: CSP INC PO BOX 1157 GLENDALE AZ. 85311 DATE: Jun 13, 2009

SAMPLE DESCRIPTION: SIX (6) SETS OF SUBMITTED SAMPLE SAID TO BE : ITEM NAME : PONY TAIL CHARACTERS WITH 4 ASSORTED STYLES. REFERENCE NO. : K02-904. VENDOR : CSIC (HK) LTD. BUYER : KIDS' KORNER. COUNTRY OF ORIGIN : CHINA. SZHH00391488



TESTS CONDUCTED:

AS REQUESTED BY THE APPLICANT, FOR DETAILS REFER TO ATTACHED PAGE(S)

CONCLUSION:

TESTED SAMPLES	STANDARD	RESULT		
TESTED COMPONENTS OF	U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT	PASS		
SUBMITTED SAMPLE SETS	ACT 2008 (H.R. 4040) TITLE I, SECTION 101			
	FOR TOTAL LEAD CONTENT IN NON-SURFACE			
	COATING MATERIALS (SUBSTRATE)			
	US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT	PASS		
	2008 (H.R.4040)TITLE I, SEC 108			
	REQUIREMENT ON PHTHALATE			

AUTHORIZED BY: FOR INTERTEK TESTING SERVICES SHENZHEN LTD.

9

KARBON M.Y. WU GENERAL MANAGER



TEST REPORT

NUMBER: SZHH00391488

TESTS CONDUCTED

1 CPSIA H.R.4040 NORMAL AND REASONABLY FORESEEABLE USE AND ABUSE

WITH REFERENCE TO 16 CFR PART 1500.50

AGE GRADING FOR TESTING : OVER 3 YEARS.

ASSESSMENT: THERE IS NO INTERNAL COMPONENT IN THE SUBMITTED SAMPLE.

DATE SAMPLE RECEIVED : MAY 26, 2009 TESTING PERIOD : MAY 26, 2009 TO MAY 26, 2009

2 TOTAL LEAD (Pb) CONTENT IN NON-SURFACE COATING MATERIALS (SUBSTRATE)

AS PER U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R. 4040), TITLE I, SECTION 101 FOR CHILDREN'S PRODUCTS CONTAINING LEAD, ACID DIGESTION METHOD WAS USED AND TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

TESTED COMPONENT	RESULT IN ppm
(1)	<10
(2)	<10
(3)	<10
(4)	<10
(5)	<10

REQUIREMENT:

THE TOTAL LEAD CONTENT SHALL NOT EXCEED 600 ppm AS REQUIRED BY THE CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 (CPSIA). AS OF AUGUST 14, 2009, THE LIMIT FOR TOTAL LEAD CONTENT WILL BE LOWERED TO 300 ppm. AS OF AUGUST 14, 2011, THE LIMIT FOR TOTAL LEAD CONTENT WILL BE LOWERED TO 100 ppm UNLESS THE CPSC DETERMINES THAT A LIMIT OF 100 ppm IS NOT TECHNOLOGICALLY FEASIBLE FOR A PRODUCT OR PRODUCT CATEGORY.

ppm = PARTS PER MILLION
< = LESS THAN</pre>

TESTED COMPONENTS :

BLUE / PURPLE / ORANGE / PEACHBLOW / YELLOW / RED PLASTIC (HEART HAIRPIN).
 BLACK /FUCHSIA / YELLOW / RED / WHITE PLASTIC (LION HAIRPIN).
 WHITE / BLACK / RED / YELLOW PLASTIC (DOG HAIRPIN).
 BLACK / RED / FUCHSIA / GREEN / WHITE PLASTIC (BEETLE HAIRPIN).
 COPPER COLOR METAL (ALL HAIRPINS).



TEST REPORT

TESTS CONDUCTED

3 PHTHALATE CONTENT TEST

WITH REFERENCE TO ASTM D3421, BY GAS CHROMATOGRAPHIC-MASS SPECTROMETRIC (GC-MS) ANALYSIS.

	RESULT	(%, w∕w)	LIMIT (응, w/w)
	(1)	(2)	(MAX.)
DIBUTYL PHTHALATE (DBP)	<0.01	<0.01	0.1
DIETHYL HEXYL PHTHALATE (DEHP)	<0.01	<0.01	0.1
BENZYL BUTYL PHTHALATE (BBP)	<0.01	<0.01	0.1
		(LIMIT (%, w/w)
	RESULT	(%, w/w)	
	$< \frac{(1)}{0.01}$	$<\frac{(2)}{0.01}$	(MAX.) 0.1
DI-ISO-NONYL PHTHALATE (DINP)		<0.01	0.1
DI-N-OCTYL PHTHALATE (DNOP)	<0.01		
DI-ISO-DECYL PHTHALATE (DIDP)	<0.01	<0.01	0.1
	RESULT	(%, w/w)	LIMIT (%, w/w)
	RESULT	<u>(%, w/w)</u> (4)	LIMIT (%, w/w) (MAX.)
DIBUTYL PHTHALATE (DBP)	(3)	$\frac{(\%, w/w)}{<0.01}$	LIMIT (%, w/w) (MAX.) 0.1
DIBUTYL PHTHALATE (DBP) DIETHYL HEXYL PHTHALATE (DEHP)		(4)	(MAX.)
-	< <u>(3)</u> < <u>0.01</u>	<0.01	(MAX.) 0.1
DIETHYL HEXYL PHTHALATE (DEHP)	< <u>(3)</u> < <u>0.01</u> < <u>0.01</u> < <u>0.01</u>	(4) <0.01 <0.01 <0.01	(MAX.) 0.1 0.1 0.1 0.1
DIETHYL HEXYL PHTHALATE (DEHP)	(<u>3)</u> <0.01 <0.01 <0.01 RESULT	< <u>(4)</u> < <u>0.01</u> < <u>0.01</u>	(MAX.) 0.1 0.1 0.1 0.1 LIMIT (%, w/w)
DIETHYL HEXYL PHTHALATE (DEHP)	$ \frac{(3)}{<0.01} \\ <0.01 \\ <0.01 \\ \frac{\text{RESULT}}{(3)} $	(4) <0.01 <0.01 <0.01 (%, w/w) (4)	(MAX.) 0.1 0.1 0.1 0.1 LIMIT (%, w/w) (MAX.)
DIETHYL HEXYL PHTHALATE (DEHP)	$\frac{(\overline{3})}{<0.01} < 0.01 < 0.01 < 0.01 \\ \frac{\text{RESULT}}{(\overline{3})} < \overline{0.01}$		(MAX.) 0.1 0.1 0.1 0.1 LIMIT (%, w/w) (MAX.) 0.1
DIETHYL HEXYL PHTHÀLATE (DEHP) BENZYL BUTYL PHTHALATE (BBP)	$ \frac{(3)}{<0.01} \\ <0.01 \\ <0.01 \\ \frac{\text{RESULT}}{(3)} $	(4) <0.01 <0.01 <0.01 (%, w/w) (4)	(MAX.) 0.1 0.1 0.1 0.1 LIMIT (%, w/w) (MAX.)

REMARK : THE ABOVE LIMIT WAS QUOTED ACCORDING TO US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R.4040) FOR PROHIBITION ON SALE OF CERTAIN PRODUCTS CONTAINING SPECIFIED PHTHALATES.

DETECTION LIMIT = 0.01% (w/w) < = LESS THAN

TESTED COMPONENTS :

- (1) BLUE / PURPLE / ORANGE / PEACHBLOW / YELLOW / RED PLASTIC (HEART HAIRPIN).
- (2) WHITE / BLACK / RED / YELLOW PLASTIC (DOG HAIRPIN).
- (3) BLACK / FUCHSIA / YELLOW / RED / WHITE PLASTIC (LION HAIRPIN).
- (4) BLACK / RED / FUCHSIA / GREEN / WHITE PLASTIC (BEETLE HAIRPIN).