



TEST REPORT

NUMBER: 214829

APPLICANT: DONG GUAN HONG CHANG CARTONS CO., LTD. DATE: SEP 24, 2003
SONG-LIN RD,
ZENG-TIAN INDUSTRIAL PARK.
JIE-KOU, CHANG-AN TOWN.
DONG-GUAN CITY,
GUANG-DONG, CHINA

SAMPLE DESCRIPTION:

- ONE (1) SUBMITTED SAMPLE SAID TO BE CARTON.
- (a) BLACK COATING ON LIGHT BROWN PAPER BOARD.
- (b) LIGHT BROWN PAPER BOARD EXCLUDING BLACK COATING.

TESTS CONDUCTED:

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

CONCLUSION:

<u>TESTED SAMPLES</u>	<u>STANDARD</u>	<u>RESULT</u>
TESTED COMPONENTS OF SUBMITTED SAMPLE	MODEL TOXICS IN PACKAGING LEGISLATION (PACKAGING MATERIALS) FOR TOXIC ELEMENTS TEST	PASS
	94/62/EEC DIRECTIVE (PACKAGING WASTE) FOR TOXIC ELEMENTS TEST	PASS

AUTHORIZED BY:
FOR INTERTEK TESTING SERVICES
SHENZHEN LTD.

ALEX S.G. WANG
SENIOR MANAGER



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1 TOXIC ELEMENTS ANALYSIS

AS PER MODEL TOXICS IN PACKAGING LEGISLATION REQUIREMENT OF PACKAGING AND PACKAGING COMPONENTS, ACID DIGESTION METHOD WAS USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY, AND HEXAVALENT CHROMIUM CONTENT WAS DETERMINED BY UV-VISIBLE SPECTROPHOTOMETRY.

	<u>RESULT IN ppm</u>		<u>LIMIT</u>
	<u>(a)</u>	<u>(b)</u>	<u>(ppm)</u>
LEAD (Pb)	<5	<5	--
CADMIUM (Cd)	<5	<5	--
MERCURY (Hg)	<5	<5	--
CHROMIUM VI (Cr (VI))	<1	<1	--
TOTAL	<16	<16	100

ppm = PARTS PER MILLION
 < = LESS THAN

DATE SAMPLE RECEIVED : SEP 19, 2003
 TESTING PERIOD : SEP 19, 2003 TO SEP 23, 2003

2 TOXIC ELEMENTS ANALYSIS

AS PER 94/62/EEC DIRECTIVE ON PACKAGING AND PACKAGING WASTE, ACID DIGESTION METHOD WAS USED AND TOTAL TOXIC ELEMENTS AND HEXAVALENT CHROMIUM CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY, AND BY UV-VISIBLE SPECTROPHOTOMETRY, RESPECTIVELY.

	<u>RESULT IN ppm</u>		<u>LIMIT</u>
	<u>(a)</u>	<u>(b)</u>	<u>(ppm)</u>
LEAD (Pb)	<5	<5	--
CADMIUM (Cd)	<5	<5	--
MERCURY (Hg)	<5	<5	--
CHROMIUM VI (Cr (VI))	<1	<1	--
TOTAL	<16	<16	100

ppm = PARTS PER MILLION
 < = LESS THAN

DATE SAMPLE RECEIVED : SEP 19, 2003
 TESTING PERIOD : SEP 19, 2003 TO SEP 23, 2003

END OF REPORT

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Attention is drawn to the terms and conditions printed overleaf.