



# Intertek Testing Services

## Labtest

Hong Kong Government Recognized Service Supplier  
Approved Laboratory of International Wool Secretariat

Members of :  
American National Standards Institute  
American Society for Testing and Materials  
British Standards Institute

Hong Kong Association of Certification Laboratories  
Hong Kong Toys Council

### TEST REPORT

NUMBER: HJ00060397

APPLICANT: EDUCATIONAL INSIGHTS INC  
18730 S. WILMINGTON AVE  
RANCHO DOMINGUEZ  
CA 90220-5903  
USA

DATE: Feb 28, 2002

ATTN: MARIA GONZALEZ

#### SAMPLE DESCRIPTION:

FOUR (4) SETS OF SUBMITTED SAMPLE SAID TO BE :  
ITEM NAME : **SPROUT & GROW WINDOW.**  
ITEM NO. : **EI-5101.**  
LABELLED AGE GROUP : 5+.  
PACKAGING PROVIDED BY : YES.  
APPLICANT  
VENDOR : WOO HING.  
COUNTRY OF ORIGIN : CHINA.

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#### TESTS CONDUCTED:

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

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#### CONCLUSION:

<u>TESTED SAMPLES</u>	<u>STANDARD - U.S. ASTM F963-96a</u>	<u>RESULT</u>
SUBMITTED SAMPLE SETS	PHYSICAL AND MECHANICAL TESTS	PASS
	FLAMMABILITY TEST OF MATERIALS OTHER THAN TEXTILE MATERIALS	PASS
COATINGS ON PAPER BAG OF SUBMITTED SAMPLE SETS	TOXIC ELEMENTS TEST	PASS

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PREPARED AND CHECKED BY:  
FOR INTERTEK TESTING SERVICES HK LTD.

PAUL K.H. YAO  
GENERAL MANAGER



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#### TESTS CONDUCTED

#### 1 PHYSICAL AND MECHANICAL TESTS

AS PER ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-96a.

APPLICANT'S SPECIFIED AGE GROUP FOR TESTING : AGES 5 AND UP.

THE SUBMITTED SAMPLES WERE UNDERGONE THE USE AND ABUSE TESTS IN ACCORDANCE WITH THE FEDERAL HAZARDOUS SUBSTANCES ACT (FHSA), TITLE 16, CODE OF FEDERAL REGULATIONS : -

<u>TEST</u>	<u>FHSA</u>	<u>PARAMETER</u>
IMPACT TEST	SECTION 1500.53(b)	4 X 3.0 ft
TORQUE TEST	SECTION 1500.53(e)	4 in-lbf
TENSION TEST	SECTION 1500.53(f)	15 lbf
COMPRESSION TEST	SECTION 1500.53(g)	30 lbf

<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.5	IMPULSIVE NOISE	NA
4.6	SMALL OBJECTS	P
4.7	ACCESSIBLE EDGES	P
4.8	ACCESSIBLE POINTS	P
4.9	PROJECTIONS	NA
4.10	NAILS AND FASTENERS	NA
4.11	WIRES OR RODS	NA
4.12	PACKAGING FILM	NA
4.13	CORDS AND ELASTICS	NA
4.14	WHEELS, TIRES AND AXLES	NA
4.15	FOLDING MECHANISMS AND HINGES	NA
4.16	HOLES, CLEARANCE, AND ACCESSIBILITY OF MECHANISMS	NA
4.17	STABILITY AND OVER-LOAD REQUIREMENTS	NA
4.18	CONFINED SPACES	NA
4.19	SIMULATED PROTECTIVE DEVICES, SUCH AS HELMETS, HATS AND GOGGLES	NA
4.20	PROJECTILE TOYS	NA
4.21	RATTLES	NA
4.22	PACIFIERS	NA
4.23	SQUEEZE TOYS	NA



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<u>SECTION</u>	<u>TESTING ITEMS</u>	<u>ASSESSMENT</u>
4.24	TEETHERS AND TEETHING TOYS	NA
4.25	TOYS INTENDED TO BE ATTACHED TO A CRIB OR PLAYPEN	NA
4.26	TOY CHESTS	NA
4.27	BATTERY-OPERATED TOYS	NA
4.28	FLOTATION TOYS	NA
4.29	STROLLER AND CARRIAGE TOYS	NA
4.30	STUFFED AND BEANBAG-TYPE TOYS	NA
4.31	ART MATERIALS	NA
4.32	TOY GUN MARKING	NA
4.33	BALLOONS	NA
4.34	MARBLES	NA
4.35	BALLS	NA
4.36	PRESCHOOL PLAY FIGURES	NA
4.37	POMPOMS	NA
5	LABELLING	P
6	INSTRUCTIONAL LITERATURE	P
7	PRODUCER'S MARKINGS	
	- NAME OF PRODUCER/DISTRIBUTOR (PACKAGE)	YES
	- ADDRESS (PACKAGE)	YES

REMARK : THE SUBMITTED SAMPLES WERE UNDERGONE THE TESTS IN ACCORDANCE WITH SECTION 8.5 THROUGH SECTION 8.16 E.G. NORMAL USE TESTING, DROP TEST, TORQUE TEST, TENSION TEST, COMPRESSION TEST, FLEXURE TEST ETC., WHICHEVER IS APPLICABLE.

P = PASS                      NA = NOT APPLICABLE

DATE SAMPLE RECEIVED : FEB 08, 2002  
TESTING PERIOD : FEB 08, 2002 TO FEB 18, 2002

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#### 2 FLAMMABILITY TEST

AS PER SECTION 4.2 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-96a.

<u>SAMPLE</u>	<u>IGNITION POINT</u>	<u>BURN LENGTH (INCH)</u>	<u>TIME (SEC)</u>	<u>BURN RATE (INCH/SEC)</u>	<u>LIMIT (INCH/SEC)</u>
HOLDER	EDGE	1.3	60	0.02	0.10

THE TOY SAMPLE AND ITS ACCESSORIES WERE TESTED, THE ABOVE RESULT ONLY SHOWED THE MOST SEVERE BURN RATE.

DATE SAMPLE RECEIVED : FEB 08, 2002  
TESTING PERIOD : FEB 08, 2002 TO FEB 22, 2002

#### 3 TOXIC ELEMENTS ANALYSIS ON COATINGS OF PAPER BAG (BAG OF SEEDS)

AS PER SECTION 4.3.5 OF THE ASTM STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY F963-96a, ACID DIGESTION AND EXTRACTION METHODS WERE USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	<u>RESULT IN ppm</u>	<u>LIMIT ppm</u>
TOTAL LEAD (Pb)	<10	600
SOL. BARIUM (Ba)	<2	1000
SOL. LEAD (Pb)	<2	90
SOL. CADMIUM (Cd)	<2	75
SOL. ANTIMONY (Sb)	<2	60
SOL. SELENIUM (Se)	<2	500
SOL. CHROMIUM (Cr)	<2	60
SOL. MERCURY (Hg)	<2	60
SOL. ARSENIC (As)	<2	25

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SOL. = SOLUBLE

< = LESS THAN

ppm = PARTS PER MILLION

THE RESULTS OF SOLUBLE ELEMENTS CONTENT WERE ADJUSTED BY  
SUBTRACTING ANALYTICAL CORRECTION FACTOR.

DATE SAMPLE RECEIVED : FEB 08, 2002

TESTING PERIOD : FEB 08, 2002 TO FEB 23, 2002

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END OF REPORT