

Hong Kong Government Recognized Service Supplier  
Approved Laboratory of The Woolmark Company

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: HJ00443501

APPLICANT: NORDIC POWER DESICCANTS

DATE: Jul 06, 2006

**SAMPLE DESCRIPTION:**

FOUR (4) BAGS OF SUBMITTED SAMPLE SAID TO BE :  
ITEM NAME : **NORDIC POWER DESICCANT.**

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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>	<u>RESULT</u>
TESTED COMPONENTS OF SUBMITTED SAMPLES	IKEA SPECIFICATION IOS-MAT-0010 ON TOTAL LEAD CONTENT	PASS
	IKEA SPECIFICATION IOS-MAT-0010 ON TOTAL CADMIUM CONTENT	PASS
	IKEA'S SPECIFICATION NO. IOS- MAT-0010 ON ORGANO TIN CONTENT	PASS
	U.S. 21 CFR F.D.A. REGULATION PART 177.1520 CLAUSE 3.1a AND 3.1b FOR OLEFIN COPOLYMER	PASS

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FOR AND ON BEHALF OF :  
INTERTEK TESTING SERVICES HK LTD.



KAREN S.C. NG  
GENERAL MANAGER

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### TESTS CONDUCTED

#### 1 TOTAL LEAD (Pb) CONTENT

AS PER IKEA SPECIFICATION IOS-MAT-0010 DATED 2005-05-27, ACID DIGESTION METHOD WAS USED AND THE TOTAL LEAD CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROPHOTOMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN mg/kg</u>	<u>LIMIT IN mg/kg</u>
(1)	<10	100
(2)	<10	100
(3)	<10	100

mg/kg = MILLIGRAM PER KILOGRAM

< = LESS THAN

#### TESTED COMPONENTS :

- (1) FABRIC (BAG).
- (2) DESICANT POWDER (INSIDE THE BAG).
- (3) WHITE COTTON SHEET.

DATE SAMPLE RECEIVED : MAY 20, 2006

TESTING PERIOD : MAY 20, 2006 TO MAY 26, 2006

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### TESTS CONDUCTED

#### 2 TOTAL CADMIUM (Cd) CONTENT

AS PER IKEA SPECIFICATION IOS-MAT-0010 DATED 2005-05-27, ACID DIGESTION METHOD WAS USED AND THE TOTAL CADMIUM CONTENT WAS DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROPHOTOMETRY.

<u>TESTED COMPONENT</u>	<u>RESULT IN mg/kg</u>	<u>LIMIT IN mg/kg</u>
(1)	<5	50
(2)	<5	50
(3)	<5	50

mg/kg = MILLIGRAM PER KILOGRAM  
< = LESS THAN

#### TESTED COMPONENTS :

- (1) FABRIC (BAG).
- (2) DESICANT POWDER (INSIDE THE BAG).
- (3) WHITE COTTON SHEET.

DATE SAMPLE RECEIVED : MAY 20, 2006

TESTING PERIOD : MAY 20, 2006 TO MAY 26, 2006

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### TESTS CONDUCTED

#### 3 ORGANO TIN CONTENT

BY GAS CHROMATOGRAPHY MASS SPECTROMETRIC (GC/MS) ANALYSIS.

<u>COMPOUND</u>	<u>RESULT (ppm)</u>		<u>IKEA'S REQUIREMENT</u>
	<u>(1)</u>	<u>(2)</u>	<u>(ppm)</u>
MONOBUTYL TIN (MBT)	<0.05	<0.05	--
MONOOCTYL TIN (MOT)	<0.05	<0.05	--
DIBUTYL TIN (DBT)	<0.05	<0.05	0.10 (MAX.)
DIOCTYL TIN (DOT)	<0.05	<0.05	--
TRIBUTYL TIN (TBT)	<0.05	<0.05	0.10 (MAX.)
TRIPHENYL TIN (TPT)	<0.05	<0.05	--
TRICYCLOHEXYL TIN (TCyT)	<0.05	<0.05	--
TETRABUTYL TIN (TeBT)	<0.05	<0.05	--
TOTAL :	<0.05	<0.05	2.5 (MAX.)

REMARK : ppm = PARTS PER MILLION = mg/kg  
< = LESS THAN

#### TESTED COMPONENTS :

- (1) FABRIC.
- (2) POWDER.

DATE SAMPLE RECEIVED : JUN 06, 2006

TESTING PERIOD : JUN 06, 2006 TO JUN 13, 2006

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#### 4 DETECTION OF POLYVINYL CHLORIDE (PVC)

BY BEILSTEIN TEST AND FTIR ANALYSIS.

RESULT : NO PVC WAS FOUND

TESTED COMPONENT : FABRIC.

DATE SAMPLE RECEIVED : JUN 06, 2006

TESTING PERIOD : JUN 06, 2006 TO JUN 10, 2006

#### 5 TEST FOR F.D.A. REGULATION ON OLEFIN COPOLYMER

AS PER THE U.S. 21 CFR FOOD AND DRUG ADMINISTRATION PART 177.1520  
CLAUSE 3.1a AND 3.1b.

	<u>RESULT</u>	<u>LIMIT</u>
(A) DENSITY	0.92	0.85 - 1.00 (3.1a) 0.9 - 1.00 (3.1b)
(B) MAXIMUM EXTRACTABLE FRACTION IN N-HEXANE, % (w/w)	1.1	5.5
(C) MAXIMUM EXTRACTABLE FRACTION IN XYLENE, % (w/w)	2.2	30

TESTED COMPONENT : FABRIC.

DATE SAMPLE RECEIVED : JUN 06, 2006

TESTING PERIOD : JUN 06, 2006 TO JUN 10, 2006

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END OF REPORT