



Test  
TS EN ISO/IEC 17025  
AB-0716-T

AB-0716-T
TURT240054707
05-24

## TEST REPORT

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**REPORT NUMBER :** TURT240054707

**APPLICANT NAME** RH Global Sağlık Ürünleri San.ve Tic.Ltd.Şti.

**ADDRESS** Değirmicem Mah.Maraşal Fevzi Çakmak Bulv.MTT Rezidans No:78/A Şehitkamil / Gaziantep  
**Attention :** Serhat RAMOĞLU ,Erkan HÜNER (dr.ramoglu@gmail.com;info@lujobear.com)

**SAMPLE DESCRIPTION :**

**Sample 1:** One sample of Lujo Bear Orange Coloured Pacifier - Teether  
**Sample 2:** Twelve samples of Lujo Bear Mint Coloured Pacifier - Teether

**DATE IN:** 08 May, 2024 (12:47)

**RESUBMIT DATE :** 16 May, 2024

**DATE OUT :** 23 May, 2024

**TESTED MODEL NO :** NOT GIVEN

**CLAIMED MODEL NO:** NOT GIVEN

**COUNTRY OF ORIGIN :**  
-  
CHINA

**NOTE :**  
For sample 1;Only clause 7 tested by the request of the applicant.  
For sample 2;Warnings and markings were not consided by the request of the applicant.

Melis EVCİ

Customer Care Executive

Durmuş UĞURLU

Textile Laboratory Manager

İsmail Avcıoğlu

Toys & Hardline Laboratory  
Manager

Kerem CAN

Consumer Products  
Operational Excellence  
Director

**Intertek Test Hizmetleri A.S.**

Merkez Mahallesi Sanayi Cad. No: 23 Altındağ Plaza Yenibosna 34197 - ISTANBUL / TURKEY

Phone : +90.212. 496 46 46 Fax : +90.212. 452 80 55

e-mail : intertekcg.turkiye@intertek.com

www.intertek-turkey.com



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## RESULTS

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TEST	Sample 1	Sample 2
SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES	SEE RESULT	SEE RESULT
SAFETY OF TOYS – PART 2: FLAMMABILITY	X	P
SAFETY OF TOYS – PART 3: MIGRATION OF CERTAIN ELEMENTS	X	P
PHENOL MIGRATION	X	P
DETERMINATION OF FORMALDEHYDE IN AN AQUEOUS EXTRACT WITH PREPARATION OF COLD/HOT WATER EXTRACT BY UV-VIS	X	NA
DETERMINATION OF FORMALDEHYDE MIGRATION FOR POLYMERIC PRODUCTS	X	P
PHTHALATE CONTENT	X	P
POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) ANALYSIS	X	P
DETERMINATION OF PHOSPHORUS FLAME RETARDANTS	X	P
MIGRATION OF BISPHENOL A IN TOYS	X	P
NITROSAMINES AND N-NITROSATABLE SUBSTANCES RELEASE	X	P
CADMIUM CONTENT	X	P
LEAD CONTENT	X	P
DETERMINATION OF DIOCTYL TIN (DOT) CONTENT	X	P

P = MEETS BUYER'S REQUIREMENT / F = DOES NOT MEET BUYER'S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE/ LS : LACK OF SAMPLE / # : SEE RESULT

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**Intertek Test Hizmetleri A.S.**

Merkez Mahallesi Sanayi Cad. No: 23 Altındağ Plaza Yenibosna 34197 - ISTANBUL / TURKEY

Phone : +90.212. 496 46 46 Fax : +90.212. 452 80 55

e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)

[www.intertek-turkey.com](http://www.intertek-turkey.com)

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SAMPLE	
Sample 1:	Lujo Bear Orange Coloured Pacifier - Teether
Sample 2:	Lujo Bear Mint Coloured Pacifier - Teether
PARTS	
1	Mint green plastic body (Sample 2)

Remark: Only suitable parts tested for the related tests.

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### SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

BS EN 71-1 :2014+A1:2018

#### Sample 1

The item was labelled: "0-6 m"

The item was tested for children aged of all ages.

The item was packaging in a blister pack with a backing card which was considered to be disposable.

SECTION	TEST	RESULTS
7	Warning and Instruction for Use	
7.1	General #	Pass
7.2	Toys not intended for children under 36 months	NA
7.3	Latex Balloons	NA
7.4	Aquatic Toys	NA
7.5	Functional Toys	NA
7.6	Hazardous Sharp Functional Edges and Point	NA
7.7	Projectile Toys	NA
7.8	Imitation Protective Mask and Helmets	NA
7.9	Toy Kites	NA
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	NA
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled Teethers	NA
7.13	Percussion Caps Specifically Designed for Use in Toys	NA
7.14	Acoustics	NA
7.15	Toy Bicycles	NA
7.16	Toys Intended to Bear the Mass of a Child	NA
7.17	Toys Comprising Monofilament Fibres	NA
7.18	Toy Scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA

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SECTION	TEST	RESULTS
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA
A.55	Toys attached to food	NA

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**# Requirements of clause 7.1 is as below. Only requirements that can be checked (as summited) were considered.**

Warnings on toys shall not be misleading or incorrect. Toys intended for children under 36 months shall comply with the requirements in Clause 5. A warning on a toy or its packaging does not release the manufacturer or his authorized representative from the obligation to meet these requirements. A toy shall not bear a warning that conflicts with the intended use of the toy, as determined by virtue of its function, dimension and characteristics.

The warnings shall be preceded by the words "Warning" or "Warnings", as appropriate (i.e. instead of repeating the word "Warning" before each warning when several of the warnings in Clause 7 are present, the word "Warnings" may be used once). The word "Warning" or "Warnings" may be followed by punctuation, e.g. an exclamation mark.

The manufacturer shall mark the warnings in a clearly visible, easily legible and understandable and accurate manner on the toy, on an affixed label or on the packaging and, if appropriate, include the warnings in the instructions for use.

Manufacturers shall for that purpose consider the good practice given in A.33.

In the following clauses, the location of the warnings is therefore indicated (on the toy itself, on the packaging, in the instructions for use, on an accompanying leaflet). Warnings which determine the decision to purchase the toy shall appear on the consumer packaging or be otherwise clearly visible to the consumer before the purchase.

Small toys that are sold without packaging (for example from a display box or from a vending machine) shall have the appropriate warnings affixed to them. In all cases the warning shall be clearly legible at the point of sale. It is not sufficient to place the warning(s) only on a display box.

For information, it should be noted that the requirement that certain warnings shall be "clearly visible to the consumer at the time of purchase" applies also in cases where the purchase is made on line (e.g. internet) or by catalogue or by other means where the buyer does not have access to the toy at the time of purchase.

In the following subclauses a requirement, that a toy shall carry a warning shall mean that the warning shall appear on the toy itself.

**NOTE:**

The text of this note is for information only and the indents do not constitute requirements of this European Standard. The information is not exhaustive and Directive 2009/48/EC and the associated guidance documents should be consulted for further details.

The toy or, its packaging or document accompanying must be labelled with:

- The name and address of the manufacturer\*\* **(Not Present)**
- The name and address of the importer.\*\* **(Not Present)**
- Type, batch, serial or model number or other element allowing of toy identification **(Not Present)**
- A CE mark in the correct shape and size. **(Present)**
- Warning and other information should be in the national language(s) of the countries where the toy is marketed.

\*\* In the case of the toy sell in European countries, the toy, its packaging or document accompanying must be labelled with the name and address of the manufacturer and importer.

\*\*\*English, Turkish and Arabic language were checked.

Estimated Total Uncertainty = ( $\pm 19.9\%$ )

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### SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

BS EN 71-1 :2014+A1:2018

#### Sample 2

The item was labelled: "0+"

The item was tested for children aged of all ages.

The item was packaging in a plastic bag which was considered to be disposable.

SECTION	TEST	RESULTS
4	General Requirements	
4.1	Material	Pass
4.2	Assembly	NA
4.3	Flexible Plastic Sheeting	NA
4.4	Toy Bags	NA
4.5	Glass	NA
4.6	Expanding Materials	NA
4.7	Edges	Pass
4.8	Point & Metallic Wires	Pass
4.9	Protruding Parts	NA
4.10	Parts Moving Against Each Other	NA
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	NA
a)	Toy intended to be put in the mouth, removable mouthpieces and other removable components of toys intended to be put in the mouth	Pass
b)	Mouthpieces and other components of toys intended to be put in the mouth- after soaking	Pass
c)	Mouthpieces fitted to balloon	NA
4.12	Balloons	NA
4.13	Cords of Toy Kites and Other Flying Toys	NA
4.14	Enclosures	NA
4.15	Toys Intended to Bear the Mass of a Child	NA
4.16	Heavy immobile toys	NA
4.17	Projectile Toys	NA
4.18	Aquatic Toys and Inflatable Toys	NA
4.19	Percussion caps specifically designed for use in toys & toys using percussion caps	NA
4.20	Acoustics	NA

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SECTION	TEST	RESULTS
4.21	Toys containing a non-electrical heat source	NA
4.22	Small Balls	NA
4.23	Magnets	NA
4.24	Yo-Yo Balls	NA
4.25	Toys Attached to Food	NA
4.26	Toy Disguise Costumes	NA
4.27	Flying toys	NA
5	Toys Intended For Children Under 36 Months	
5.1	General Requirements	
a)	Toys and removable components	Pass
b)	Use and abuse test and springs	Pass
c)	Metal points & Wires	NA
d)	Large and bulky toys	NA
e)	Glued wooden toys and toys with glued on plastic decals	NA
f)	Casing of toys intended for children too young to sit up unaided	NA
g)	Foam toys and toys containing accessible foam components	NA
5.2	Soft Filled Toys and Soft Filled Parts of a Toy	NA
5.3	Plastic Sheeting	NA
5.4	Cords, Chains and Electrical Cables in Toys	NA
5.5	Liqued Filled Toys	NA
5.6	Speed Limitation of Electrically Driven Toys	NA
5.7	Glass and Porcelain	NA
5.8	Shape and Size of Certain Toys	Pass
5.9	Toys comprising monofilament fibres	NA
5.10	Small Balls	Pass
5.11	Play figures	NA
5.12	Hemispheric shaped toys	NA
5.13	Suction Cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA

**Intertek Test Hizmetleri A.S.**

Merkez Mahallesi Sanayi Cad. No: 23 Altındağ Plaza Yenibosna 34197 - ISTANBUL / TURKEY

Phone : +90.212. 496 46 46 Fax : +90.212. 452 80 55

e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)

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<b>SECTION</b>	<b>TEST</b>	<b>RESULTS</b>
<b>6</b>	<b>Packaging</b>	
a)	Average sheet thickness	Pass
b)	Using drawstring or cord as a means of closing	NA
c)	Packaging and packaging components that are small balls	NA
d)	Hemispheric-shaped containers that are part of the packaging	NA
e)	Hemispheric-shaped containers that are part of the packaging for toys intended for children under three	NA
<b>7</b>	<b>Warning and Instruction for Use</b>	-

Estimated Total Uncertainty = ( $\pm 19.9\%$ )

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**SAFETY OF TOYS – PART 2: FLAMMABILITY**

BS EN 71-2 : 2020

**Sample 2**

SECTION	TEST	RESULTS
4.1	General	
	Celluloid (cellulose nitrate) and materials with same burning behaviour in fire	Pass
	Materials with a piled surface which produce surface flash	NA
	Flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids, flammable gels	NA
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filled toys	NA

The test results thus obtained can not be considered as providing an overall indication of the potential fire hazard of toys or materials when subjected to other sources of ignition.

Estimated Total Uncertainty = ( $\pm 18.6\%$ )

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**SAFETY OF TOYS – PART 3: MIGRATION OF CERTAIN ELEMENTS**

BS EN 71 3+A1

	Results (mg/kg)				Detection Limit (mg/kg)	Requirements (mg/kg) Category III
	Part 1					
Antimony (Sb)	ND				0,125	560
Arsenic (As)	ND				0,125	47
Barium (Ba)	ND				0,125	18750
Cadmium (Cd)	ND				0,125	17
Chromium (Cr III)	ND				0,125	460
Chromium (Cr VI)	ND				0,025	0,053
Lead (Pb)	ND				0,125	23
Mercury (Hg)	ND				0,0125	94
Selenium (Se)	ND				0,125	460
Aluminium (Al)	0.2 ppm				0,125	28130
Boron (B)	ND				0,125	15000
Cobalt (Co)	ND				0,125	130
Copper (Cu)	ND				0,125	7700
Manganese (Mn)	ND				0,125	15000
Nickel (Ni)	ND				0,125	930
Strontium (Sr)	ND				0,125	56000
Tin (Sn)	ND				0,125	180000
Organic tin*	ND				0,02	12
Zinc (Zn)	0.2 ppm				0,125	46000

\* = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n- Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation.

ppm (Part per million)

ND

(Estimated Total Uncertainty)

=mg / kg

=Not Detected

= Paper - Cr VI: ±10%, Org. Tin: ±25%, Others: ±22%

Scrapable Coating - Cr VI: ±10%, Org. Tin: ±25%, Others: ±22%

Metal - Cr VI: ±10%, Org. Tin: ±26%, Others: ±22%

Crayons - Cr VI: ±10%, Org. Tin: ±26%, Others: ±21%

Plastic - Cr VI: ±14%, Org. Tin: ±24%, Others: ±23%

Liquid Paint - Cr VI: ±13%, Org. Tin: ±26%, Others: ±22%

Textile - Cr VI: ±15%, Org. Tin: ±25%, Others: ±23%

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e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)

[www.intertek-turkey.com](http://www.intertek-turkey.com)

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**PHENOL MIGRATION**

EN 71-9+A1 (Withdrawn), EN 71-10, IHTM AL.2.410 (Based on EN 71-11)

Part 1	COMPOUNDS	RESULT (mg/L)	Limit (mg/L)
		Not Detected	5

Detection limit= 0.05 mg/L

Estimated Total Uncertainty = (Bisphenol A:  $\pm 30\%$ , Phenol:  $\pm 28\%$ , Styrene:  $\pm 16\%$ , Acrylamide:  $\pm 21\%$ , Formaldehyde:  $\pm 16\%$ )

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**DETERMINATION OF FORMALDEHYDE MIGRATION FOR POLYMERIC PRODUCTS**

EN 71-9+A1 (Withdrawn), EN 71-10, IHTM AL.2.410 (Based on EN 71-11)

	Result	Requirement
Part 1	Not Detected	$\leq 1.5$ mg/L
Reporting Limit	=0.8 mg/L	
Estimated Total Uncertainty	= (Bisphenol A: $\pm 30\%$ , Phenol: $\pm 28\%$ , Styrene: $\pm 16\%$ , Acrylamide: $\pm 21\%$ , Formaldehyde: $\pm 16\%$ )	

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**PHTHALATE CONTENT**

INTERTEK IHTM AL.2.026 based on EN 14372

	<b>CAS No</b>	<b>Part 1</b>
DIBUTYL PHTHALATE (DBP)	84-74-2	ND
DIETHYL HEXYL PHTHALATE (DEHP)	117-81-7	ND
BENZYL BUTYL PHTHALATE (BBP)	85-68-7	ND
DIISOBUTYL PHTHALATE	84-69-5	ND
SUM OF FOUR PHTHALATES		ND
DI-ISO-NONYL PHTHALATE (DINP)	28553-12-0	ND
DI-N-OCTYL PHTHALATE (DNOP)	117-84-0	ND
DI-ISO-DECYL PHTHALATE (DIDP)	26761-40-0	ND
SUM OF THREE PHTHALATES		ND

ND =Not Detected  
ppm (part per million) =mg / kg  
Detection Limit =DIDP, DINP: 100 ppm, Other Phthalates: 10 ppm  
LIMIT =DBP,DEHP,BBP < 1000 ppm ; DINP, DNOP, DIDP < 1000 ppm

(Estimated Total Uncertainty =  $\pm 17\%$ )

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**POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) ANALYSIS**

IHTM AL.2.032 based on AfPS GS & EN 17132 by GC-MS

	Part 1	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	0.5 ppm
2	Benzo (e) pyrene	Not Detected	0.5 ppm
3	Benzo (a) anthracene	Not Detected	0.5 ppm
4	Benzo (b) fluoranthene	Not Detected	0.5 ppm
5	Benzo (j) fluoranthene	Not Detected	0.5 ppm
6	Benzo (k) fluoranthene	Not Detected	0.5 ppm
7	Chrysene	Not Detected	0.5 ppm
8	Dibenzo (a,h) anthracene	Not Detected	0.5 ppm

ppm (part per million)

= mg / kg

Detection Limit

= 0.1 ppm

Estimated Total Uncertainty

= Textile:±15%, Plastic:±17%

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**DETERMINATION OF PHOSPHORUS FLAME RETARDANTS**

INTERTEK IHTM AL.2.405 refer to ISO 17881-2:2016 determined by LC-MS-MS

Part 1		RESULTS (ppm)	REQUIREMENT
Tris(2-chloroethyl) phosphate	TCEP	ND	5 ppm
Tris(2-chloro-1-methylethyl) phosphate	TCPP	ND	5 ppm
Tris 2-chloro-1-(chloromethyl)ethyl phosphate	TDCP	ND	5 ppm

ppm (part per million) = mg/kg  
Detection Limit = 1 ppm  
ND = Not Detected

(Estimated Total Uncertainty=Plastic:±37% Textile: ±38%)



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**MIGRATION OF BISPHENOL A IN TOYS**

EN 71-9+A1 (Withdrawn) , EN 71-10&11

**RESULT**

**REQUIREMENT**

**Part 1**

Not Detected

0,04 mg/L

ppm (parts per million) = mg/kg

ND = Not Detected

Detection Limit =0.01 mg/L

Estimated Total Uncertainty = ±30%

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**N-NITROSAMINES AND N-NITROSATABLE SUBSTANCES RELEASE**

BS EN 71-12

**Part 1**

Component	Result	Requirement
N-Nitrosamines	Not Detected	0.05 ppm
N-Nitrosatable	Not Detected	1 ppm

	CAS NO.
N-nitrosodiethanolamine (NDELA)	1116-54-7
N-nitrosodimethylamine (NDMA)	62-75-9
N-nitrosodiethylamine (NDEA)	55-18-5
N-nitrosodipropylamine (NDPA)	621-64-7
N-nitrosodiisopropylamine (NDiPA)	301-77-4
N-nitrosodibutylamine (NDBA)	924-16-3
N-nitrosodiisobutylamine (NDiBA)	997-95-5
N-nitrosodiisononylamine (NDiNA)	1207995-62-7
N-nitrosomorpholine (NMOR)	59-89-2
N-nitrosopiperidine (NPIP)	100-75-4
N-nitrosodibenzylamine (NDBzA)	5336-53-8
N-nitroso-N-methyl-N-phenylamine (NMPHA)	614-00-6
N-nitroso-N-ethyl-N-phenylamine (NEPhA)	612-64-6

ppm (part per million) = mg/kg  
**Detection Limit** = N-Nitrosamines :0.05 ppm, 0.02 ppm, (Finger Paint): N-Nitrosatable substances:0.1 ppm  
**ND** = Not Detected

(Estimated Total Uncertainty= N-Nitrosamines - Elastomer: ±29%, Finger Paint: ±33%, N-Nitrosatable Substances - Elastomer:±31%, Finger Paint: ±33%)

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**CADMIUM CONTENT**

IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determined by ICP-OES

	Result (mg/L)	Requirement
Part 1	Not Detected	100 ppm (0.01%)
ppm (part per million)	= mg / kg	
Detection Limit	= 8 ppm	
Estimated Total Uncertainty	= (Dye: ±16%, Glass: ±16%, Metal: ±16%, Plastic: ±16%, Textile: ±15%)	

**LEAD CONTENT**

IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determined by ICP-OES

	Result (mg/L)	Requirement
Part 1	Not Detected	500 ppm (0.05%)
ppm (part per million)	= mg / kg	
Detection Limit	= 8 ppm	
Estimated Total Uncertainty	= (Dye: ±16%, Glass: ±16%, Metal: ±16%, Plastic: ±16%, Textile: ±15%)	

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**DETERMINATION OF DIOCTYLTIN (DOT) CONTENT**

IHTM AL.2.030 refer to ISO 17353:2004 / BS EN ISO 17353:2005 determined by GC-MS

	<b>RESULT (%w/w) of tin</b>	<b>Requirement (%w/w) of tin</b>
<b>Part 1</b>	Not Detected	0.1
<b>Detection Limit</b>	<b>= 0.005%</b>	
<b>Estimated Total Uncertainty</b>	<b>= (Textile:±7% ; Leather:±6% ; Plastic:±10%)</b>	

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SAMPLE PHOTOS

Sample 1



Sample 2



## END OF TEST REPORT ##

**Intertek Test Hizmetleri A.Ş.**

Merkez Mahallesi Sanayi Cad. No: 23 Altındağ Plaza Yenibosna 34197 - ISTANBUL / TURKEY

Phone : +90.212. 496 46 46 Fax : +90.212. 452 80 55

e-mail : [intertekcg.turkiye@intertek.com](mailto:intertekcg.turkiye@intertek.com)

[www.intertek-turkey.com](http://www.intertek-turkey.com)