

TEST REPORT

NUMBER : DELY18001646 REV-2

DATE : 10th JULY, 2018



ORIGINAL SAMPLE

TEST REPORT

NUMBER : DELY18001646 REV-2

DATE : 10th JULY, 2018

APPLICANT :
TREewise STATIONERY PVT. LTD.
Head Office - Zainee Manzil,
Saraspur, Ahmedabad,
Gujarat, India - 380018
ATTN: GHULAMHUSSIEN J.

SAMPLE DESCRIPTION : THE SUBMITTED SAMPLE SAID TO BE – NEWSPAPER PENCIL.
DATE RECEIVED : 02nd MAY , 2018
TESTED AGE GRADE : 3 YEARS+
STYLE NO. : NEWSPAPER PENCIL
BUYING AGENT : AL Hasanat Trading LLC.UAE

TEST CONDUCTED: AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS, SEE ATTACHED PAGES.

CONCLUSION:

<u>TEST</u>	<u>STANDARD</u>	<u>RESULT</u>
NEWSPAPER PENCIL	EN71-1:2014 FOR MECHANICAL AND PHYSICAL PROPERTIES	M
	LABELING REQUIREMENT WITH REF TO TOY SAFETY DIRECTIVES 2009/48/EC	REFER MARKING SECTION
	EN 71-2:2011+A1:2014 FOR FLAMMABILITY TEST	M
	MIGRATION OF HEAVY METAL EN71-3 :2013+ A1:2014 (19 Elements)	M
	TOTAL CADMIUM CONTENT TEST (WITH REFERENCE TO REGULATION (EC) NO.1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23)	M
	PHthalate TEST (EN 14372:2004)	M
	POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) TEST (AS PER THE EUROPEAN COMMISSION REGULATION (EU) NO.1272/2013 TO AMEND ENTRY 50 OF ANNEX XVII TO REACH REGULATION (EC) NO.1907/2006 ON THE RESTRICTIONS OF POLYCYCLIC AROMATIC HYDROCARBONS)	M
	SHORT CHAIN CHLORINATED PARAFFINS (SCCP) (SOLVENT EXTRACTION FOLLOWED BY GC-NCI ANALYSIS)	M
	CHLORINATED PHENOLS (64 LFGB B82.02-8:2001)	M
	TOTAL ARSENIC (ACID DIGESTION FOLLOWED BY ICP-OES/AAS ANALYSIS)	REFER RESULTS
	TOTAL MERCURY (ACID DIGESTION FOLLOWED BY ICP-OES/AAS ANALYSIS)	REFER RESULTS

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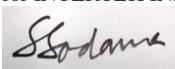
	BENZENE (SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS)	M
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NOTE: M = Meet requirement,
* = Not Provided,

F = Does Not Meet requirement
NA = Not Applicable

REMARK: 1. THE TEST REPORT DELY18001646 DATE 16/05/2018 HAS BEEN REVISED TO ADD THE BENZENE TEST RESULTS AS PER VENDOR REQUEST.
2. THE TEST REPORT DELY18001646 DATE 18/05/2018 HAS BEEN REVISED TO REMOVE THE BUYER NAME AND MANUFACTURE NAME AS PER VENDOR REQUEST.

PREPARED & CHECKED BY
for INTERTEK INDIA PVT. LTD



SANJAY SADANA
MANAGER – TOYS

TESTS CONDUCTED:

1. PHYSICAL AND MECHANICAL TESTS

As per European Standard on Safety of toys EN71-1:2014

Appropriate age group for testing: 3yr +

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	P
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	P
4.8	Points and metallic wires	NA
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
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	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing 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
5	Toys intended for children under 36 months	
5.1	General requirements for children under 36 months	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	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibers	NA

5.10	Small balls	NA
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
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates and skateboards and certain other ride-on toys	NA
7.11	Toys intended to be attached to strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled tethers	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 fibers	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
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

Remark: P = Pass

F = Fail

NA = Not Applicable

Remark A: - Below is additional information according to the Toy Safety Directives 2009/48/EC requirement. This information's also appears as a note within the EN71 but are not standard requirements:

Marking

The manufacturer's & importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packaging shall also bear the CE-marking.

After checking, it was found that the Above marking were present in the Submitted packaging except Manufacturer Name

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2. FLAMMABILITY TEST

As per European Standard on Safety of toys EN 71-2:2011+A1:2014

Clause	Testing items	Assessment
4.1	General	P
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

Remark: P = Pass, F = Fail, NA = Not Applicable

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3 .TEST CONDUCTED:

Test Standard : EN71-3 :2013+ A1:2014

Category (III): Coating /PVC /Rubber/ Paper

Element	Results(mg / kg)			Limit (mg/kg)
	1	2	3	
Aluminium (Al)	211	6919	84	70000
Antimony (Sb)	<5	<5	<5	560
Arsenic (As)	<0.5	<0.5	<0.5	47
Barium (Ba)	11	<5	166	18750
Boron (B)	<5	<5	<5	15000
Cadmium (Cd)	<0.1	<0.1	<0.1	17
Chromium (III) (Cr III)	<5	<5	<5	460
Chromium-Vi (Cr-vi)	<0.005	<0.005	<0.005	0.2
Cobalt (Co)	<0.5	<0.5	<0.5	130
Copper (Cu)	<5	<5	<5	7700
Lead (Pb)	<1	<1	<1	160
Manganese (Mn)	7	22	8	15000
Mercury (Hg)	<0.5	<0.5	<0.5	94
Nickel (Ni)	<5	<5	<5	930
Selenium (Se)	<5	<5	<5	460
Strontium (Sr)	11	<5	<5	56000
Tin (Sn)	<5	<5	<5	180000
Organotin	<0.05	<0.05	<0.05	12
Zinc (Zn)	15	38	18	46000

Remark : Mg/kg = Milligram Per Kilogram
< = Less Than

Tested Component :
 1. PAPER
 2. BLACK LEAD
 3. YELLOW LEAD

Remark : Test Has been conducted on client selected component

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4. TOTAL CADMIUM CONTENT:

(WITH REFERENCE TO REGULATION (EC) NO.1907/2006 (REACH) AND ITS AMENDMENTS, ANNEX XVII, ENTRY 23

TESTED COMPONENT	RESULT	MAXIMUM REQUIREMENT
YELLOW+BLACK+BLUE LEAD	< 10 ppm	<100 ppm

REMARK:

PPM: PARTS PER MILLION

DETECTION LIMIT: 10 PPM

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5. Phthalate Content Test

TEST METHOD: With ref to EN 14372:2004

	Result (% w/w)	Requirement Limit (% w/w) (max.)
	1	
Dibutyl phthalate (DBP)	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	0.1
Benzyl butyl phthalate (BBP)	ND	0.1
Diisononyl phthalate (DINP)	ND	0.1
Di-n-octyl phthalate (DNOP)	ND	0.1
Diisodecyl phthalate (DIDP)	ND	0.1
Sum of six phthalate	ND	0.1

< = Less than

Tested Components:

1. YELLOW+GREEN+BLUE LEAD

6.POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) TEST

(With ref to the European Commission The Regulation (EU) No.1272/2013 To Amend Entry 50 Of Annex Xvii To Reach Regulation (Ec) No.1907/2006 On The Restrictions Of Polycyclic Aromatic Hydrocarbons)

TEST METHOD: - ANALYSIS BY GC-MSD

TEST RESULT:

COMPOUND	CAS NO.	RESULTS (mg/kg)				REQUIREMENT
		1	2	3	4	
CHRYSENE	218-01-9	ND	ND	ND	ND	Toys (including activity toys) Child care articles 0.5 mg/kg each
BENZO (a) ANTHRACENE	56-55-3	ND	ND	ND	ND	
BENZO (b) FLUORANTHENE	205-99-2	ND	ND	ND	ND	
BENZO (K) FLUORANTHENE	207-08-9	ND	ND	ND	ND	
BENZO (j) FLUORANTHENE	205-82-3	ND	ND	ND	ND	
BENZO (e) PYRENE	192-97-2	ND	ND	ND	ND	
BENZO (a) PYRENE	50-32-8	ND	ND	ND	ND	
DIBENZO (a,h) ANTHRACENE	53-70-3	ND	ND	ND	ND	

REMARK:

- ppm = PARTS PER MILLION = mg/kg.
- ND = NOT DETECTED
- DETECTION LIMIT = 0.2 ppm

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Tested Components:

1. Yellow LEAD
2. Blue Lead
3. Green Lead
4. Black Lead

7. SHORT CHAIN CHLORINATED PARAFFINS (SCCP)
(SOLVENT EXTRACTION FOLLOWED BY GC-NCI ANALYSIS)

TESTED COMPONENT	RESULT	REQUIREMENT
Submitted Sample	YELLOW + BLUE LEAD : ND GREEN + BLACK LEAD : ND	50 mg/kg

REMARK:

ND: NOT DETECTED
DETECTION LIMIT: 50 PPM
PPM: PARTS PER MILLION

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**8. CHLORINATED PHENOLS
(64 LFGB B82.02-8:2001)**

SUBMITTED SAMPLE	RESULTS	REQUIREMENT
	Printed Paper	
PENTACHLOROPHENOL(PCP)	ND	0.05 ppm

REMARK:

ND: NOT DETECTED

DETECTION LIMIT: 0.05 PPM

PPM: PARTS PER MILLION

9. TOTAL ARSENIC

(ACID DIGESTION FOLLOWED BY ICP-OES/AAS ANALYSIS)

TESTED COMPONENT	RESULT	MAXIMUM REQUIREMENT
YELLOW+GREEN LEAD	< 10 ppm	*
BLUE+BLACK LEAD	< 10 ppm	*

REMARK:

PPM: PARTS PER MILLION

DETECTION LIMIT: 10 PPM

10. TOTAL MERCURY:

(ACID DIGESTION FOLLOWED BY ICP-OES/AAS ANALYSIS)

TESTED COMPONENT	RESULT	MAXIMUM REQUIREMENT
YELLOW+GREEN LEAD	< 10 ppm	*
BLUE+BLACK LEAD	< 10 ppm	*

REMARK:

PPM: PARTS PER MILLION

DETECTION LIMIT: 10 PPM

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11. BENZENE
(SOLVENT EXTRACTION FOLLOWED BY GC-MSD ANALYSIS)

TESTED COMPONENT	RESULT	REQUIREMENT
Submitted Sample	YELLOW+BLUE+GREEN: ND	1.0 PPM

REMARK:
ND: NOT DETECTED
DETECTION LIMIT: 1 PPM
PPM = PARTS PER MILLION

END OF REPORT

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