

TEST RAPORU

REPORT NUMBER : TURT190127436
APPLICANT NAME **Bilgi Dağ. Kitap Kırt. ve Büro Malz. Tic. Ltd. Şti.**
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Attention: Efe Yüksel (efe@bilgi-dagitim.com)
SAMPLE DESCRIPTION : One sample of Little blue note paper and pink plastic paper
BUYER : METRO BTS
DATE IN : 12 July, 2019 (15:05)
DATE OUT : 24 July, 2019
MANUFACTURER : BİLGİ DAĞ KİTAP KIRT. VE BÜRO MALZ. TIC. LTD ŞTİ.
ITEM CODE : BP826-09
PHOTO OF PRODUCT TESTED SAMPLE :



RESULTS : See Attachment
NOTE: Only little blue note paper and pink plastic part were tested by the request of the applicant.



Begüm Nazlı Traş
Customer Care Executive



Zeynep AKIN
Chemical Laboratory Manager

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190127436

RESULTS :

Analysis Parameter	Reference Analysis Method	PASS	FAIL	Norm Limit	Standard for Norm Limit	Tested Part
Migration Of Certain Elements	EN 71-3:2013+A3:2018	P	-	See Toxic Element Analysis	Toys Safety Directive	Part 1
Volatile Organic Compounds Screening	IHTM AL.2.409 with HS-Screening GC/MS	P	-	See Volatile Organic Compounds Screening page	-	Part 2

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED

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Part No	Tested Part
1	Multicolor paper
2	Pink plastic with glue

Remark: Only suitable parts tested for the related tests.

MIGRATION OF CERTAIN ELEMENTS

EN 71-3:2013+A3:2018

Acid extraction method was used and migration elements content were determined by Inductively Coupled Plasma-ICP_MS.

	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)	1.5				0,125	18750
Cadmium (Cd)	ND				0,125	17
Chromium (III) **	ND				0,125	460
Chromium (VI) **	ND				0,125	0,2
Lead (Pb)	ND				0,125	23
Mercury (Hg)	ND				0,0125	94
Selenium (Se)	ND				0,125	460
Aluminium (Al)	25.3				0,125	70000
Boron (B)	ND				0,125	15000
Cobalt (Co)	ND				0,125	130
Copper (Cu)	ND				0,125	7700
Manganese (Mn)	7.8				0,125	15000
Nickel (Ni)	ND				0,125	930
Strontium (Sr)	31.4				0,125	56000
Tin (Sn)	ND				1,25	180000
Organic tin **	ND				0,125	12
Zinc (Zn)	ND				0,125	46000

**= Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
= Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium - migration value of Chromium(VI).
Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Organotins which are specified Table 3 and Annex J -Table J.1 after converted to Tributyl tin by calculation.

ppm (Part per million) =mg / kg
< =Less Than
ND =Not Detected

VOLATILE ORGANIC COMPOUNDS

IHTM AL.2.409 with HS-Screening GC/MS

Part 2

SOLVENT NAME	CAS NO.	RESULT
Toluene	108-88-3	Not Detected
Styrene	100-42-6	Not Detected
Butadiene	106-99-1	Not Detected
Kloroetilen (vinil klorür)	75-01-4	Not Detected
Benzene	71-43-3	Not Detected
Aseton	67-64-1	Not Detected
1,1,2 Trikloretan	79-00-5	Not Detected
Perkloretilen (Tetrachloroethene, Tetrachloroethylene, Perchloroethene; Perchloroethylene; Perc; PCE)	127-18-4	Not Detected
1,2 dikloropropan (Propylene dichloride)	78-87-5	Not Detected
1,1,2,2 Tetrakloretan	79-34-5	Not Detected
1,1,1,2 Tetrakloretan	630-20-6	Not Detected
Carbon Tetrachloride	56-23-5	Not Detected
Chloroform	67-66-3	Not Detected
Cyclohexanone	108-94-1	Not Detected
1,2 Dichloroethane	107-06-2	Not Detected
1,1-Dichloroethylene	75-35-4	Not Detected
Dimethylacetamide (DMAC) N,N-Dimethylacetamide	127-19-5	Not Detected
Ethylbenzene	100-41-4	Not Detected
Pentachloroethane	76-01-7	Not Detected
1,1,1-Trichloroethylene	79-01-6	Not Detected
Xylenes (meta-, ortho-, para-)	1330-20-7	Not Detected
	108-38-3	Not Detected
	95-47-6	Not Detected
	106-42-3	Not Detected
1-Methyl-2-pyrrolidone	872-50-4	Not Detected
N,N-Dimetylformamide	68-12-2	Not Detected
1,2,3-trichloropropane	96-18-4	Not Detected
1,1,1-Trichloroethane	71-55-6	Not Detected
Dichloromethane	75-09-2	Not Detected

Detection Limit: 5ppm
Ppm (part per million): 1 mg/kg
Requirement : Total 1000 ppm

END OF TEST REPORT