



AB-0716-T

TURT240129159

11-24

TEST REPORT

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REPORT NUMBER : TURT240129159
APPLICANT NAME Bigpoint Kırtasiye San. ve Tic.Ltd.Şti.
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Attention : Efe Yüksel (efe@bigpoint.com.tr)
SAMPLE DESCRIPTION :
Sample 1: Two samples of blue highlighter pen (BP910-35)
Sample 2: Two samples of yellow highlighter pen (BP910-15)
Sample 3: Two samples of green highlighter pen (BP910-55)
Sample 4: Two samples of pink highlighter pen (BP910-22)
Sample 5: Two samples of orange highlighter pen (BP910-45)
DATE IN : 11 November, 2024 (07:55)
DATE OUT : 18 November, 2024

Gaye ÇALIŞKAN
Customer Care Executive

Emre ÇALIK
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SAMPLE PICTURES

Sample 1



Sample 2



Sample 3



Sample 4



Sample 5



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Part No	Tested Part
1	Blue plastic body (Sample 1)
2	Yellow plastic body (Sample 2)
3	Green plastic body (Sample 3)
4	Pink plastic body (Sample 4)
5	Orange plastic body (Sample 5)
6	Blue-transparent plastic cover (Sample 1)
7	Yellow-transparent plastic cover (Sample 2)
8	Green-transparent plastic cover (Sample 3)
9	Pink-transparent plastic cover (Sample 4)
10	Orange-transparent plastic cover (Sample 5)
11	Transparent plastic sticker (Sample 1&2&3&4&5)
12	Transparent plastic tip part (Sample 1&2&3&4&5)
13	White felt tip (Sample 1&2&3&4&5)
14	Transparent plastic inner tube (Sample 1&2&3&4&5)
15	White inner felt (Sample 1&2&3&4&5)
16	Multicolor coating on plastic sticker (Sample 1&2&3&4&5)
17	Blue dye (Sample 1)
18	Yellow dye (Sample 2)
19	Green dye (Sample 3)
20	Pink dye (Sample 4)
21	Orange dye (Sample 5)

Remark: Only suitable parts tested for the related tests.

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RESULTS :

Analysis Parameter	Reference Analysis Method	PASS	FAIL	Norm Limit	Standard for Norm Limit	Tested Sample
DETERMINATION OF CERTAIN AROMATIC AMINES DERIVED FROM AZO	EN ISO 14362-1 determined by GC-MS, HPLC-MS	NA	NA	<30 ppm	REACH Annex XVII	-
POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) ANALYSIS	IHTM AL.2.032 based on AfPS GS & EN 17132 by GC-MS	P	-	1 ppm	REACH Annex XVII	-
DETERMINATION OF CADMIUM CONTENT	IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determined by ICP-OES	P	-	Metal, Plastic 100 ppm; Coating, print, dye 1000 ppm	REACH Annex XVII	-
DETERMINATION OF LEAD CONTENT	IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determined by ICP-OES	P	-	500 ppm (0.05%)	REACH Annex XVII	-
TRIBUTYL TIN (TBT) CONTENT	INTERTEK IHTM AL.2.030 refer to ISO 17353 / BS EN ISO 17353	P	-	1000 ppm (0.1%)	REACH ANNEX XVII	-
RELEASE OF NICKEL FOR COATED ITEM	BS EN 12472 & EN 1811 by ICP-MS Determination	NA	NA	<0.88	REACH Annex XVII	-
DMFU CONTENT	IHTM AL.2.136 By Solvent Extraction and Chromatographic Analysis using Mass Spectrometry (GC-MS)	NA	NA	≤1000 ppm (0.1%)	REACH Annex XVII	-
DETERMINATION OF BISPHENOL A (BPA) CONTENT	IHTM AL.2.330	NA	NA	≤0.02 ppm	REACH Annex XVII	-
DETERMINATION OF CR+VI CONTENT	ISO 17075-2 with HPLC Determination	NA	NA	3 ppm	REACH Annex XVII	-
DETERMINATION OF DIETHYLENE GLYCOL MONOBUTYL (DEGBE)	IHTM AL.2.409 refer to EPA 5000 & EPA 5021A with Headspace GC/MS	NA	NA	≤(3%)	REACH Annex XVII	-
TOLUENE CONTENT	IHTM AL.2.409 refer to EPA 5000 & EPA 5021A with Headspace GC/MS	P	-	≤1000 ppm (0.1%)	REACH ANNEX XVII	-
VINYL CHLORIDE MONOMER(VCM) CONTENT	IHTM AL.2.393 refer to ISO 6401 and GB/T 4615	NA	NA	Not Detected	REACH Annex XVII	-

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RESULTS :

Analysis Parameter	Reference Analysis Method	PASS	FAIL	Norm Limit	Standard for Norm Limit	Tested Sample
DETERMINATION OF LEAD CARBONATE / SULFATE CONTENT	IHTM AL.2.222 refer to USEPA 3050B / USEPA 3051A/ US EPA 3052 by acid digestion and determinated by ICP-OES	P	-	Not Detected	REACH ANNEX XVII	-

P = MEETS BUYER' S REQUIREMENT (GEÇTİ) / F = DOES NOT MEET BUYER' S REQUIREMENT (KALDI) / NR = NO REQUIREMENT (SINIR DEĞER BELİRTİLMEDİ) / SC=STILL CONTINUES (TEST İŞLEMİ DEVAM EDİYOR) / X=NOT PERFORMED (TEST EDİLMEDİ) / I = INCONCLUSIVE / NC = NO COMMENT / NA= NOT APPLICABLE

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DETERMINATION OF CADMIUM CONTENT

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

	RESULTS	REQUIREMENT
Part 1&2&3	Not Detected	100 ppm (0.01%)
Part 4&5&6	Not Detected	100 ppm (0.01%)
Part 7&8&9	Not Detected	100 ppm (0.01%)
Part 10&12&13	Not Detected	100 ppm (0.01%)
Part 11	Not Detected	100 ppm (0.01%)
Part 14	Not Detected	100 ppm (0.01%)
Part 16	Not Detected	100 ppm (0.01%)
Part 17&18&19	Not Detected	1000 ppm (0.1%)
Part 20&21	Not Detected	1000 ppm (0.1%)

ppm: parts per million (mg/kg)
Detection Limit : 8 ppm

REMARK As per Lead Content Requirement in Annex XVII Entry 63, and Cadmium Content Requirement in Annex XVII Entry 23 of the REACH Regulation (EC) No:1907/2006 (Formerly Known as Directive 91/338/EEC), Acid Digestion Method was used Total Lead Content was determined by ICP-OES

Estimated Total Uncertainty=(Dye: ±16%, Glass: ±16%, Metal: ±16%, Plastic: ±16%, Textile: ±15%)

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DETERMINATION OF LEAD CONTENT

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

	RESULTS	REQUIREMENT
Part 1&2&3	Not Detected	500 ppm (0.05%)
Part 4&5&6	Not Detected	500 ppm (0.05%)
Part 7&8&9	Not Detected	500 ppm (0.05%)
Part 10&12&13	Not Detected	500 ppm (0.05%)
Part 11	Not Detected	500 ppm (0.05%)
Part 14	Not Detected	500 ppm (0.05%)
Part 15	Not Detected	500 ppm (0.05%)
Part 16	Not Detected	500 ppm (0.05%)
Part 17&18&19	Not Detected	500 ppm (0.05%)
Part 20&21	Not Detected	500 ppm (0.05%)

ppm: parts per million (mg/kg)
Detection Limit : 8 ppm

REMARK As per Lead Content Requirement in Annex XVII Entry 63, and Cadmium Content Requirement in Annex XVII Entry 23 of the REACH Regulation (EC) No:1907/2006 (Formerly Known as Directive 91/338/EEC), Acid Digestion Method was used Total Lead Content was determined by ICP-OES

Estimated Total Uncertainty=(Dye: ±16%, Glass: ±16%, Metal: ±16%, Plastic: ±16%, Textile: ±15%)

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TRIBUTYL TIN (TBT) CONTENT

INTERTEK IHTM AL.2.030 refer to ISO 17353 / BS EN ISO 17353

ETHANOL EXTRACTION, DERIVATISATION AND ANALYSIS BY GAS CHROMATOGRAPHY - MASS SPECTROPHOTOMETRY

	RESULTS	REQUIREMENT
Part 1&2&3	Not Detected	1000 ppm (0.1%)
Part 4&5&6	Not Detected	1000 ppm (0.1%)
Part 7&8&9	Not Detected	1000 ppm (0.1%)
Part 10&11&12	Not Detected	1000 ppm (0.1%)
Part 13	Not Detected	1000 ppm (0.1%)

ppm: parts per million (mg/kg)
Detection Limit : 0.050 ppm

Estimated Total Uncertainty =(Plastic:±19%; Leather:±19%)

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TOLUENE CONTENT

IHTM AL.2.409 refer to EPA 5000 & EPA 5021A with Headspace GC/MS

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REQUIREMENT

Part 11

Not Detected

≤1000 ppm (0.1%)

ppm: parts per million (mg/kg)
Detection Limit : 5 ppm

Estimated Total Uncertainty=(Plastic: ± 25% ; Liquid: ± 21% ; Textile: ± 27%)

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DETERMINATION OF LEAD CARBONATE / SULFATE CONTENT

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

Part 17&18&19	RESULTS	REQUIREMENT
Lead Carbonate (598-63-0)	Not Detected	
Lead(II)carbonate# (PbCO ₃) (598-63-0)	Not Detected	Not Detected
Trilead bis(carbonate) dihydroxide 2 PbCO ₃ -Pb(OH) ₂ # (1319-46-6)	Not Detected	
Lead Sulfate (12137-74-5)	Not Detected	
Lead(II) sulfate- PbSO ₄ # (7446-14-2)	Not Detected	Not Detected
Lead(2+);sulfate -PbxSO ₄ # (15739-80-7)	Not Detected	
Part 20&21	RESULTS	REQUIREMENT
Lead Carbonate (598-63-0)	Not Detected	
Lead(II)carbonate# (PbCO ₃) (598-63-0)	Not Detected	Not Detected
Trilead bis(carbonate) dihydroxide 2 PbCO ₃ -Pb(OH) ₂ # (1319-46-6)	Not Detected	
Lead Sulfate (12137-74-5)	Not Detected	
Lead(II) sulfate- PbSO ₄ # (7446-14-2)	Not Detected	Not Detected
Lead(2+);sulfate -PbxSO ₄ # (15739-80-7)	Not Detected	

ppm: parts per million (mg/kg)
Detection Limit : 0.050 ppm

Estimated Total Uncertainty=(Dye: ±16%, Glass: ±16%, Metal: ±16%, Plastic: ±16%, Textile: ±15%)

END OF TEST REPORT