



AB-0716-T
TURT240065383
06-24

TEST REPORT

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REPORT NUMBER : TURT240065383
APPLICANT NAME **Bigpoint Kırtasiye San. ve Tic.Ltd.Şti.**
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Tel: 0212 551 00 92, Fax:0212 551 09 57
Attention : Efe Yüksel (efe@bigpoint.com.tr)
SAMPLE DESCRIPTION : Two samples of Bigpoint 12 Colors Washable Jumbo Colors Pens
DATE IN : 28 May, 2024 (11:11)
DATE OUT : 10 June, 2024
MODEL STYLE NO : BP907-12
BRAND : BIGPOINT
MANUFACTURER NAME : ZHEJIANG ZHONGCAI STATIONERY MANUFACTURING CO., LTD.
COUNTRY OF ORIGIN : CHINA

İrem YURTVERMEZ YILMAZ
Customer Care Executive

Kerem CAN
Consumer Products Operational
Excellence Director

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SAMPLE PICTURES :

SAMPLE PICTURES



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Part No	Tested Part
1	Multicolor plastic sticker
2	Transparent plastic box
3	White plastic cover
4	Brown plastic body
5	Purple plastic body
6	Red plastic body
7	Purple plastic body
8	Pink plastic body
9	Orange plastic body
10	Yellow plastic body
11	Green plastic body
12	Dark green plastic body
13	Blue plastic body
14	Navy plastic body
15	Black plastic body
16	Transparent inner plastic tube
17	Silver coating
18	White felt tip
19	White inner foam
20	Brown dye
21	Purple dye
22	Red dye
23	Purple dye
24	Pink dye
25	Orange dye
26	Yellow dye
27	Green dye
28	Dark green dye
29	Blue dye
30	Navy dye
31	Black dye

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	Failed Item
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 BISPHEENOL A (BPA) CONTENT	IHTM AL.2.330	NA	NA	No Requirement	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	No Requirement	REACH ANNEX XVII	-

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RESULTS :

Analysis Parameter	Reference Analysis Method	PASS	FAIL	Norm Limit	Standard for Norm Limit	Failed Item
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	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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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	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 ppm

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

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

ppm (part per million) = mg / kg
Detection Limit = 0.1 ppm

Estimated Total Uncertainty = (Textile:±15%, Plastic:±17%)

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POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) ANALYSIS

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

	Part 8&9&10	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 ppm

	Part 11&12&13	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 ppm

	Part 14&15	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 ppm

ppm (part per million) = mg / kg
Detection Limit = 0.1 ppm

Estimated Total Uncertainty = (Textile:±15%, Plastic:±17%)

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POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) ANALYSIS

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

	Part 18	RESULT (mg/kg)	REQUIREMENT
1	Benzo (a) pyrene	Not Detected	1 ppm
2	Benzo (e) pyrene	Not Detected	1 ppm
3	Benzo (a) anthracene	Not Detected	1 ppm
4	Benzo (b) fluoranthene	Not Detected	1 ppm
5	Benzo (j) fluoranthene	Not Detected	1 ppm
6	Benzo (k) fluoranthene	Not Detected	1 ppm
7	Chrysene	Not Detected	1 ppm
8	Dibenzo (a,h) anthracene	Not Detected	1 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 CADMIUM 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	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&11&12	Not Detected	100 ppm (0.01%)
Part 13&14	Not Detected	100 ppm (0.01%)
Part 15&16	Not Detected	100 ppm (0.01%)
Part 17	Not Detected	1000 ppm (0.1%)
Part 18	Not Detected	100 ppm (0.01%)
Part 19	Not Detected	100 ppm (0.01%)
Part 20&21&22	Not Detected	1000 ppm (0.1%)
Part 23&24&25	Not Detected	1000 ppm (0.1%)
Part 26&27&28	Not Detected	1000 ppm (0.1%)
Part 29&30&31	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&11&12	Not Detected	500 ppm (0.05%)
Part 13&14	Not Detected	500 ppm (0.05%)
Part 15&16	Not Detected	500 ppm (0.05%)
Part 17	Not Detected	500 ppm (0.05%)
Part 18	Not Detected	500 ppm (0.05%)
Part 19	Not Detected	500 ppm (0.05%)
Part 20&21&22	Not Detected	500 ppm (0.05%)
Part 23&24&25	Not Detected	500 ppm (0.05%)
Part 26&27&28	Not Detected	500 ppm (0.05%)
Part 29&30&31	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 CHROMATOGRAPY - MASS SPECTROPHOTOMETRY

	RESULTS	REQUIREMENT
Part 1	Not Detected	1000 ppm (0.1%)
Part 2&3&4	Not Detected	1000 ppm (0.1%)
Part 5&6&7	Not Detected	1000 ppm (0.1%)
Part 8&9&10	Not Detected	1000 ppm (0.1%)
Part 11&12&13	Not Detected	1000 ppm (0.1%)
Part 14&15	Not Detected	1000 ppm (0.1%)
Part 18	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

	RESULTS	REQUIREMENT
Part 1	Not Detected	≤1000 ppm (0.1%)
Part 18	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 20&21&22	RESULTS	REQUIREMENT
Lead Carbonate (598-63-0)		
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)		
Lead(II) sulfate- PbSO ₄ (7446-14-2)	Not Detected	Not Detected
Lead(2+);sulfate -PbxSO ₄ - (15739-80-7)	Not Detected	
Part 23&24&25		
Lead Carbonate (598-63-0)		
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)		
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%)

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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 26&27&28	RESULTS	REQUIREMENT
Lead Carbonate (598-63-0)		
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)		
Lead(II) sulfate- PbSO ₄ (7446-14-2)	Not Detected	Not Detected
Lead(2+);sulfate -PbxSO ₄ - (15739-80-7)	Not Detected	
Part 29&30&31		
Lead Carbonate (598-63-0)		
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)		
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