



AB-0716-T
TURT250065368
07-25

TEST REPORT

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REPORT NUMBER : TURT250065368
APPLICANT NAME Bigpoint Kırtasiye San. ve Tic.Ltd.Şti.
ADDRESS Merkez Mah. 29 Ekim Cad.No:53 Bahçelievler/İstanbul
Tel: 0212 551 00 92, Fax:0212 551 09 57
Attention : Efe Yüksel (efe@bigpoint.com.tr)
SAMPLE DESCRIPTION :
Sample 1: One sample of Bigpoint small stapler - BP316-95
Sample 2: One sample of Bigpoint Auto Stapler - BP323-95
Sample 3: One sample of Bigpoint medium stapler - BP321-95
Sample 4: One sample of Lotte Heavy Duty Stapler - LT327
Sample 5: One sample of Lotte Heavy Duty Stapler - LT326
DATE IN : 18 June, 2025 (09:18)
RESUBMIT DATE : 25 June, 2025
DATE OUT : 04 July, 2025
BRAND : BIGPOINT
ITEM NO : BP316-95, BP323-95, BP321-95, LT327, LT326
MANUFACTURER NAME : NINGBO HOOBN OFFICE SUPPLIES CO., LTD.
COUNTRY OF ORIGIN : CHINA

Gaye CALIŞKAN
Customer Care Executive

Emre ÇALIK
Chemical Laboratory Manager

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SAMPLE PHOTOS :

SAMPLE PHOTOS

Sample 1



Sample 2



Sample 3



Sample 4



Sample 5



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Part No	Tested Part
1	Black plastic body (Sample 1&3)
2	Black plastic bottom body (Sample 2&3&4&5)
3	Black plastic adjuster (Sample 5&6)
4	Red plastic button (Sample 4)
5	Orange plastic button (Sample 5)
6	Multicolor plastic sticker (Sample 4&5)
7	Black coating on metal body (Sample 2&3&4&5)
8	Grey coating on metal body (Sample 4&5)
9	Silver coating on metal body (Sample 3)
10	White coating on metal body (Sample 2)
11	Silver coating on plastic body (Sample 1)
12	Silver metal body (Sample 1&2&3)
13	Silver metal bridge (Sample 1&3)
14	Silver metal slider (Sample 1&3)
15	Silver metal stick (Sample 1&3)
16	Silver metal long spring (Sample 1&3)
17	Silver metal rectangle stopper (Sample 1&3)
18	Silver metal spring (Sample 1&3)
19	Silver metal stopper spring (Sample 1&2&3&4&5)
20	Silver metal stopper nail (Sample 1&2&3)
21	Silver metal middle body (Sample 1&3)
22	Silver metal presser (Sample 1&2&3)
23	Silver metal pin (Sample 1&2&3&4&5)
24	Silver metal conic spring (Sample 3)
25	Silver metal round stopper (Sample 2)
26	Silver metal stopper nail (Sample 2)
27	Silver metal big spring (Sample 4)
28	Silver metal body (Sample 4)
29	Silver plastic button (Sample 2)
30	Silver metal bridge (Sample 2)
31	Silver metal stopper (Sample 4&5)
32	Silver metal big stick (Sample 4&5)
33	Silver metal big long spring (Sample 4&5)
34	Silver metal big presser (Sample 4&5)
35	Silver metal thick spring (Sample 5)
36	Black metal segment (Sample 4&5)
37	Black metal body (Sample 2&3)
38	Silver metal bottom body (Sample 1)
39	Silver metal stopper nail (Sample 4&5)
40	Black metal top body (Sample 4)
41	Black metal top body (Sample 5)
42	Silver metal body (Sample 5)

Remark: Only suitable parts tested for the related tests.

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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	P	-	<0.88	REACH ANNEX XVII	-
DMFU CONTENT	IHTM AL.2.136 By Solvent Extraction and Chromatographic Analysis using Mass Spectrometry (GC-MS)	P	-	1000 ppm (0.1%)	REACH ANNEX XVII	-
DETERMINATION OF BISPHENOL 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	NA	NA	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&2&3	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 4&5	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 6	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 7&8	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 29	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&29	Not Detected	100 ppm (0.01%)
Part 6	Not Detected	100 ppm (0.01%)
Part 7&8&9	Not Detected	100 ppm (0.01%)
Part 10	Not Detected	100 ppm (0.01%)
Part 11	Not Detected	100 ppm (0.01%)

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&30	Not Detected	500 ppm (0.05%)
Part 6	Not Detected	500 ppm (0.05%)
Part 7&8&9	Not Detected	500 ppm (0.05%)
Part 10	Not Detected	500 ppm (0.05%)
Part 11	Not Detected	500 ppm (0.05%)
Part 12	Not Detected	500 ppm (0.05%)
Part 13	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	Not Detected	500 ppm (0.05%)
Part 18	Not Detected	500 ppm (0.05%)
Part 19	Not Detected	500 ppm (0.05%)
Part 20	Not Detected	500 ppm (0.05%)
Part 21	Not Detected	500 ppm (0.05%)
Part 22	Not Detected	500 ppm (0.05%)
Part 23	Not Detected	500 ppm (0.05%)
Part 24	Not Detected	500 ppm (0.05%)
Part 25	93 ppm	500 ppm (0.05%)
Part 26	Not Detected	500 ppm (0.05%)
Part 27	Not Detected	500 ppm (0.05%)
Part 28	Not Detected	500 ppm (0.05%)
Part 29	Not Detected	500 ppm (0.05%)
Part 30	Not Detected	500 ppm (0.05%)
Part 31	Not Detected	500 ppm (0.05%)
Part 32	Not Detected	500 ppm (0.05%)
Part 33	Not Detected	500 ppm (0.05%)
Part 34	Not Detected	500 ppm (0.05%)
Part 35	Not Detected	500 ppm (0.05%)
Part 36	Not Detected	500 ppm (0.05%)
Part 37	Not Detected	500 ppm (0.05%)
Part 38	Not Detected	500 ppm (0.05%)
Part 39&42	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	Not Detected	1000 ppm (0.1%)
Part 6	Not Detected	1000 ppm (0.1%)
Part 29	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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RELEASE OF NICKEL FOR COATED ITEM

BS EN 12472 & EN 1811 by ICP-MS Determination

<u>Tested Component</u>	<u>Trial</u>	<u>Area (cm²)</u>	<u>Final Volume (ml)</u>	<u>Volume (ml)</u>	<u>Result Δ (μg/cm²/week)</u>
Part 12	1	49.19	250	170	<0.05*
Part 28	1	41.8	250	150	<0.05*
Part 38	1	18.7	50	18.7	<0.05*
Part 42	1	36.42	250	120	<0.05*

*Due to insufficient sample size, 3 parallel samples could not be tested.

Requirement = 0.88 μg/cm²/week

< =Less Than

Detection limit =0.05 μg/cm²/week

Remark =Nickel Content Requirement in Annex XVII Item 27 of the Reach Regulation (EC) No:1907/2006 & Amendment No. 552/2009 (Formerly known as Directive 94/27/EC and 2004/96/EC)

Remark :

Δ = According to EN 1811 compliance decision was made based on the following rules.

Result	Interpretation
< 0.88	Compliance (Pass)
≥ 0.88	Non-compliance (Fail)

Estimated Total Uncertainty = (±8%)

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DMFU CONTENT

In-House Method – “IHTM AL.2.136. Rev.10” (Based on BS EN 17130) (Using GC-MS)

	RESULTS	REQUIREMENT
Part 1&2&3	Not Detected	≤1000 ppm (0.1%)
Part 4&5	Not Detected	≤1000 ppm (0.1%)
Part 6	Not Detected	≤1000 ppm (0.1%)
Part 29	Not Detected	≤1000 ppm (0.1%)

ppm: parts per million (mg/kg)
Detection Limit : 0.1 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 6

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%)

END OF TEST REPORT