



Polymer Materials Testing Laboratory Analysis/Test Report

Date Received: 2015/10/01

Assignment No: 104A011-J312776R1

Date Issued: 2015/11/24

Applicant : Green Wrapping Technology Co., Ltd.

Address : No.6-7, Dalun Rd., Dacun Township,
Changhua County 515, Taiwan (R.O.C.)

Articles : PE Fresh Bags

Sampler : Plastics Industry Development Center

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Authorized by

Chen Ming-Kun
Group Leader





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Application No : 104A011-J312776R1

Date Tested : 2015/10/09~2015/10/10

Item(s)/ Method(s)	Result(s)	Note
	Item	Result (mg/kg) Method Detection Limit (mg/kg)
	Aluminium (Al)	12.7 10
	Antimony (Sb)	Non-Detected 1
	Arsenic (As)	Non-Detected 0.5
	Barium (Ba)	Non-Detected 10
	Barium (B)	Non-Detected 10
	Cadmium (Cd)	Non-Detected 0.1
	Chromium (III) (Cr ³⁺)	Non-Detected 1
	Chromium (VI) (Cr ⁶⁺)	Non-Detected 0.005
	Cobalt (Co)	Non-Detected 1
	Copper (Cu)	Non-Detected 10
	Lead (Pb)	Non-Detected 1
	Manganese (Mn)	Non-Detected 10
1. Heavy Metal Content EN 71 Part 3	Mercury (Hg)	Non-Detected 1
	Nickel (Ni)	Non-Detected 1
	Selenium (Se)	Non-Detected 1
	Strontium (Sr)	Non-Detected 10
	Tin (Sn)	Non-Detected 10
	Zinc (Zn)	15.6 10
	Organic Tin	Non-Detected 0.2
	MeT	Non-Detected —
	BuT	Non-Detected —
	DProT	Non-Detected —
	DBT	Non-Detected —
	TBT	Non-Detected —
	MOT	Non-Detected —
	TeBT	Non-Detected —
	DPhT	Non-Detected —
	DOT	Non-Detected —
	TPhT	Non-Detected —



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REMARK :

1. Heavy Metal Content

- 1.1 The test is performed by Taiwan Pony Testing Technology Inc. (HK Ltd)
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Attached photo 1: Specimen





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Attachment 1: EN 71-3: 2003 Table 2: Migration of certain elements

Element	Migration Limit (mg/kg)		
	Category I In dry, brittle, powder like or pliable toy material	Category II Liquid or sticky toy material	Category III In scraped off toy material
Aluminium (Al)	5,625	1,406	70,000
Antimony (Sb)	45	11.3	560
Arsenic (As)	3.8	0.9	47
Barium (Ba)	1,500	375	18,750
Barium (B)	1,200	300	15,000
Cadmium (Cd)	1.3	0.3	17
Chromium (III) (Cr ³⁺)	37.5	9.4	460
Chromium (VI) (Cr ⁶⁺)	0.02	0.005	0.2
Cobalt (Co)	10.5	2.6	130
Copper (Cu)	622.5	156	7,700
Lead (Pb)	13.5	3.4	160
Manganese (Mn)	1,200	300	15,000
Mercury (Hg)	7.5	1.9	94
Nickel (Ni)	75	18.8	930
Selenium (Se)	37.5	9.4	460
Strontium (Sr)	4,500	1,125	56,000
Tin (Sn)	15,000	3,750	180,000
Organic Tin	0.9	0.2	12
Zinc (Zn)	3,750	938	46,000