Test Report

Applicant ZHEJING SONG GU PAINT INDUSTRIAL CO., LTD
Address HEJIA VILLAGE JIANGNAN OFFICE LIN HAI ZHEJIANG

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	Black coating、Yellow coating、White coating、Transparent coating、Blue coating、Red coating、Thinner、Green coating、White sealer
Quantity Of Sample	9bottles
Sample Received Date	Mar. 26, 2015
Testing Period	Mar. 26, 2015 to Mar. 30, 2015

Test Conducted:
As requested by the applicant, for details refer to next page(s)

Tested by Carey Reviewed by

Approved by Victor Wang Date Mar. 30, 2015

Victor Wang
Lab Manager

No. T111645544

Test Report

Executive Summary:

TEST REQUEST		**CONCLUSION**
1)	US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)	
-	Phthalates in children's toys and child care articles	**PASS**
2)	ASTM F963-11 Standard Consumer Safety Specification for Toy Safety	
-	Clause 4.3.5 – Migration of certain elements in paint and similar surface coating materials	**PASS**
3)	European Standard on Safety of Toys	
-	EN 71-3:2013 Migration of certain elements	**PASS**
4)	Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with Amendment(s)	
-	Phthalates in toys and childcare articles	**PASS**
5)	SOR/2011-17 Toys Regulations of Canada Consumer Product Safety Act (CCPSA)	
-	Heavy metal(Total Lead) content in surface coatings/paint	**PASS**
-	Heavy metal(Mercury) content in surface coatings/paint	**PASS**
-	Heavy metals contents in surface coatings/paint	**PASS**
-	Phthalates in vinyl plastic material	**PASS**
6)	Polycyclic Aromatic Hydrocarbons (PAHs) - AfPS GS 2014:01 PAK*, Category 2	**PASS**

*= The Committee on Product Safety (AfPs) has adopted a new polycyclic aromatic hydrocarbons (PAHs) document on August 4, 2014, which is taken into account within the GS mark certification. The PAHs requirements are largely revised. New requirements will apply from July 1, 2015 and replace the previously valid PAHs-document (ZEK 01.4-08).

********** For Further Details, Please Refer To the Following Page(s) **********

Test Report

1) US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)

▼Phthalates in children's toys and child care articles

Method(s) CPSC-CH-C1001-09.3 was/were used, and the item(s) was/were analyzed by GC-MS.

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	001	002	003	004		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	50	1000

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	005	006	007	008		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	50	1000

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	009		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	50	1000
Di-n-octyl Phthalate (DNOP)	N.D.	30	1000
Diisodecyl Phthalate (DIDP)	N.D.	50	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%

Test Report

2) ASTM F963-11 Standard Consumer Safety Specification for Toy Safety

▼Clause 4.3.5 – Migration of certain elements in paint and similar surface coating materials

Method(s) ASTM F963-11 Clause 8.3 was/were used, and the item(s) was/were determined by ICP-OES.

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)
	001	002	003	004	005		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	5	500

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	006	007	008	009		
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	500

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.
- Filter paper was used instead of 0.45μm membrane filter in lab testing.

Test Report

3) European Standard on Safety of Toys

▼EN 71-3:2013 Migration of certain elements

Method(s) EN 71-3:2013 was/were used, and the item(s) was/were analyzed by ICP-OES, ICP-MS, HPLC-ICP-MS and/or GC-MS.

Category Ⅲ: scraped-off toy material

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	001	002	003	004		
Aluminium (Al)	N.D.	N.D.	N.D.	N.D.	50	70000
Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	560
Arsenic (As)	N.D.	N.D.	N.D.	N.D.	5	47
Barium (Ba)	N.D.	N.D.	N.D.	N.D.	50	18750
Boron (B)	N.D.	N.D.	N.D.	N.D.	50	15000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	1	17
Chromium (Cr) #1	N.D.	N.D.	N.D.	N.D.	0.2	--
Chromium (III) #2	--	--	--	--	--	460
Chromium (VI)	N.D.	N.D.	N.D.	N.D.	0.001	0.2
Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	5	130
Copper (Cu)	N.D.	N.D.	N.D.	N.D.	50	7700
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	160
Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	50	15000
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	5	94
Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	5	930
Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	460
Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	50	56000
Tin (Sn) #3	N.D.	N.D.	N.D.	N.D.	2	180000
Organic tin (TBT) #4	N.D.	N.D.	N.D.	N.D.	0.05	12
Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	50	46000

Test Report

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	005	006	008	009		
Aluminium (Al)	N.D.	N.D.	N.D.	N.D.	50	70000
Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	5	560
Arsenic (As)	N.D.	N.D.	N.D.	N.D.	5	47
Barium (Ba)	N.D.	N.D.	N.D.	N.D.	50	18750
Boron (B)	N.D.	N.D.	N.D.	N.D.	50	15000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	1	17
Chromium (Cr) #1	N.D.	N.D.	N.D.	N.D.	0.2	--
Chromium (III) #2	--	--	--	--	--	460
Chromium (VI)	N.D.	N.D.	N.D.	N.D.	0.001	0.2
Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	5	130
Copper (Cu)	N.D.	N.D.	N.D.	N.D.	50	7700
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	160
Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	50	15000
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	5	94
Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	5	930
Selenium (Se)	N.D.	N.D.	N.D.	N.D.	5	460
Strontium (Sr)	N.D.	248	N.D.	N.D.	50	56000
Tin (Sn) #3	N.D.	N.D.	N.D.	N.D.	2	180000
Organic tin (TBT) #4	N.D.	N.D.	N.D.	N.D.	0.05	12
Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	50	46000

Test Report

Category Ⅱ: liquid or sticky toy material

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	007		
Aluminium (Al)	N.D.	50	1406
Antimony (Sb)	10	2	11.3
Arsenic (As)	N.D.	0.1	0.9
Barium (Ba)	N.D.	50	375
Boron (B)	N.D.	50	300
Cadmium (Cd)	N.D.	0.2	0.3
Chromium (Cr) #1	N.D.	0.004	--
Chromium (III) #2	--	--	9.4
Chromium (VI)	N.D.	0.001	0.005
Cobalt (Co)	N.D.	0.2	2.6
Copper (Cu)	N.D.	50	156
Lead (Pb)	N.D.	1	3.4
Manganese (Mn)	N.D.	50	300
Mercury (Hg)	N.D.	0.6	1.9
Nickel (Ni)	N.D.	5	18.8
Selenium (Se)	N.D.	5	9.4
Strontium (Sr)	N.D.	50	1125
Tin (Sn) #3	N.D.	0.05	3750
Organic tin (TBT) #4	N.D.	0.05	0.2
Zinc (Zn)	N.D.	50	938

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Filter paper was used instead of membrane filter in lab testing.
- #1Chromium(Cr)content can be used for screen test for hexavalent chromium and trivalent chromium analysis and to show compliance with the requirement of EN 71-3:2013.
- #2Chromium (Cr) = Hexavalent chromium (Cr (VI)) +Trivalent chromium (Cr (III)), where the chromium content exceeded the limits of hexavalent chromium and/or trivalent chromium, then hexavalent chromium was analyzed by HPLC-ICP-MS and trivalent chromium content was calculated using the formula.
- #3 Tin(Sn) content can be used for screen test for organic tins analysisto show compliance with the requirement of EN 71-3:2013.

- #4The migration of organic tin is expressed as tributyltin (TBT). where the tin content exceeded the limit of organic tin, ten organic tins listed in table were determinedby GC-MS and the client should be noted there are other organic tins may be present in toy materials.

Organic tins tested under EN 71-3:2013
Methyl tin (MeT)
Butyl tin (BuT)
Dibutyl tin (DBT)
Tributyl tin (TBT)
Tetrabutyl tin (TeBT)
n-Octyl tin (MOT)
Di-n-octyl tin (DOT)
Di-n-propyl tin (DProT)
Diphenyl tin (DPhT)
Triphenyl tin (TPhT)

4) Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with Amendment(s)

▼Phthalates in toys and childcare articles

As specified in entry 51 & entry 52, annex XVII of European regulation (EC) No. 1907/2006 (REACH) with amendment No.552/2009 & No 2015/326, method(s) EN 14372:2004 was/were used, and the item(s) was/were analyzed by GC-MS.

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	001	002	003	004		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	50	--
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	50	--
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	50	--
SUM(DEHP+DBP+BBP)	N.D.	N.D.	N.D.	N.D.	--	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	50	--
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	50	--
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	50	--
SUM(DINP + DNOP + DIDP)	N.D.	N.D.	N.D.	N.D.	--	1000

Test Report

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	005	006	007	008		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	50	--
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	50	--
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	50	--
SUM(DEHP+DBP+BBP)	N.D.	N.D.	N.D.	N.D.	--	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	50	--
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	50	--
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	50	--
SUM(DINP + DNOP + DIDP)	N.D.	N.D.	N.D.	N.D.	--	1000

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	009		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	50	--
Dibutyl Phthalate (DBP)	N.D.	50	--
Benzylbutyl Phthalate (BBP)	N.D.	50	--
SUM(DEHP+DBP+BBP)	N.D.	--	1000
Diisononyl Phthalate (DINP)	N.D.	50	--
Di-n-octyl Phthalate (DNOP)	N.D.	50	--
Diisodecyl Phthalate (DIDP)	N.D.	50	--
SUM(DINP + DNOP + DIDP)	N.D.	--	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%

Test Report

5) SOR/2011-17 Toys Regulations of Canada Consumer Product Safety Act (CCPSA)

▼Heavy metal(Total Lead) content in surface coatings/paint

With reference to appropriate methods, and the item(s) was/were analyzed by ICP-OES.

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)
	001	002	003	004	005		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	90

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	006	007	008	009		
Total Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼Heavy metal(Mercury) content in surface coatings/paint

With reference to appropriate methods, and the item(s) was/were analyzed by ICP-OES.

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)
	001	002	003	004	005		
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	N.D.(<2.5)

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	006	007	008	009		
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	2.5	N.D.(<2.5)

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

Test Report

▼**Heavy metals contents in surface coatings/paint**

Method(s) Health canada Product Safety Reference Manual 2011-08-10 Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.3 was/were used, and the item(s) was/were analyzed by ICP-OES.

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)
	001	002	003	004	005		
Soluble Antimony(Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	10	1000
Soluble Arsenic(As)	N.D.	N.D.	N.D.	N.D.	N.D.	10	1000
Soluble Cadmium(Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Barium(Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Selenium(Se)	N.D.	N.D.	N.D.	N.D.	N.D.	10	1000

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	006	007	008	009		
Soluble Antimony(Sb)	N.D.	N.D.	N.D.	N.D.	10	1000
Soluble Arsenic(As)	N.D.	N.D.	N.D.	N.D.	10	1000
Soluble Cadmium(Cd)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Barium(Ba)	N.D.	N.D.	N.D.	N.D.	5	1000
Soluble Selenium(Se)	N.D.	N.D.	N.D.	N.D.	10	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

Test Report

▼**Phthalates in vinyl plastic material**

Method(s) Canadian Product Safety Reference Manual Book 5 Method C-34 was/were used, and the item(s) was/were analyzed by GC-MS.

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	001	002	003	004		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	50	1000

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	005	006	007	008		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	50	1000

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	009		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	50	1000
Di-n-octyl Phthalate (DNOP)	N.D.	30	1000
Diisodecyl Phthalate (DIDP)	N.D.	50	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%

6) Polycyclic Aromatic Hydrocarbons (PAHs) - AfPS GS 2014:01 PAK

Limits for PAHs content (mg/kg)for material of (grip) surfaces, whichare to be categorized on accountof the results of the risk analysis.

Parameters	Category 1	Category 2		Category 3	
	Materials intended tobe put in the mouthor materials of toyswith foreseeable long-term skin contact(longer than 30 seconds)	Materials not coveredby category 1, withforeseeable skincontact for longer than30 seconds (long-termskin contact) or repeated short-term skin contact[#]		Materials not coveredby category 1 or 2with foreseeable skincontact up to 30seconds (short termskin contact)	
		Toys covered by Directive 2009/48/EC	Other products	Toys covered by Directive 2009/48/EC	Other products
Benzo[a]pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[e]pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[a]anthracene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[b]fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[j]fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[k]fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Chrysene	<0.2	<0.2	<0.5	<0.5	<1
Dibenz[a,h]anthracene	<0.2	<0.2	<0.5	<0.5	<1
Benzo[g,h,i]perylene	<0.2	<0.2	<0.5	<0.5	<1
Indenol[1,2,3-cd]pyrene	<0.2	<0.2	<0.5	<0.5	<1
Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene	<1 Sum	<5 Sum	<10 Sum	<20 Sum	<50 Sum
Naphthalene	<1	<2		<10	
Sum 18 PAHs	<1	<5	<10	<20	<50

[#] Formulation “of repeated short-term skin contact” REACH Annex XVII No. 50 supplement (REGULATION (EU) No.1272/2013)

Test Report

Test Result(s)

Tested Item(s)	Result				MDL
	001	002	003	004	
Polycyclic Aromatic Hydrocarbons(PAHs)					
Naphthalene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Acenaphthylene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Acenaphthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Fluorene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Phenanthrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Anthracene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Fluoranthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Pyrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[a]anthracene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Chrysene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[b]fluoranthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[k]fluoranthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[a]pyrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Dibenzo[a,h]anthracene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[g,h,i]perylene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[j]fluoranthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[e]pyrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Sum (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene)	N.D.	N.D.	N.D.	N.D.	/
Sum 18 PAHs	N.D.	N.D.	N.D.	N.D.	/

Test Report

Tested Item(s)	Result				MDL
	005	006	007	008	
Polycyclic Aromatic Hydrocarbons(PAHs)					
Naphthalene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Acenaphthylene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Acenaphthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Fluorene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Phenanthrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Anthracene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Fluoranthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Pyrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[a]anthracene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Chrysene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[b]fluoranthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[k]fluoranthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[a]pyrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Indeno[1,2,3-cd]pyrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Dibenzo[a,h]anthracene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[g,h,i]perylene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[j]fluoranthene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Benzo[e]pyrene	N.D.	N.D.	N.D.	N.D.	0.2 mg/kg
Sum (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene)	N.D.	N.D.	N.D.	N.D.	/
Sum 18 PAHs	N.D.	N.D.	N.D.	N.D.	/

Test Report

Tested Item(s)	Result	MDL
	009	
Polycyclic Aromatic Hydrocarbons(PAHs)		
Naphthalene	N.D.	0.2 mg/kg
Acenaphthylene	N.D.	0.2 mg/kg
Acenaphthene	N.D.	0.2 mg/kg
Fluorene	N.D.	0.2 mg/kg
Phenanthrene	N.D.	0.2 mg/kg
Anthracene	N.D.	0.2 mg/kg
Fluoranthene	N.D.	0.2 mg/kg
Pyrene	N.D.	0.2 mg/kg
Benzo[a]anthracene	N.D.	0.2 mg/kg
Chrysene	N.D.	0.2 mg/kg
Benzo[b]fluoranthene	N.D.	0.2 mg/kg
Benzo[k]fluoranthene	N.D.	0.2 mg/kg
Benzo[a]pyrene	N.D.	0.2 mg/kg
Indeno[1,2,3-cd]pyrene	N.D.	0.2 mg/kg
Dibenzo[a,h]anthracene	N.D.	0.2 mg/kg
Benzo[g,h,i]perylene	N.D.	0.2 mg/kg
Benzo[j]fluoranthene	N.D.	0.2 mg/kg
Benzo[e]pyrene	N.D.	0.2 mg/kg
Sum (Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene, Pyrene)	N.D.	/
Sum 18 PAHs	N.D.	/

Remark: -MDL = Method Detection Limit
-N.D. = Not Detected (<MDL)
-mg/kg = ppm = parts per million

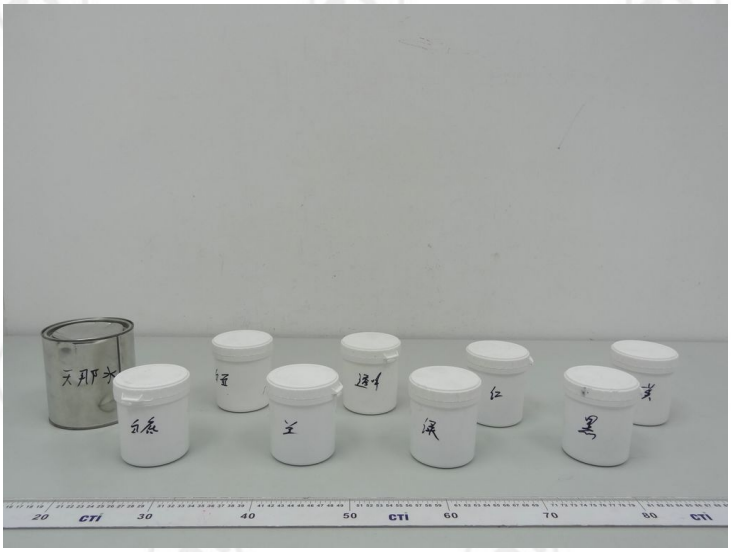
Test Report

Tested Sample/Part Description

001 Black coating
002 Yellow coating
003 White coating
004 Transparent coating
005 Blue coating
006 Red coating
007 Transparent thinner
008 Green coating
009 White sealer

Test Report

Photo(s) of the sample(s)



*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.