



TEST REPORT

Technical Report: (6618)009-1103

January 15, 2018

Date Received: January 9, 2018

Page 1 of 20

Mr Yang

Dongguan Green key leather co.,LTd.

NO.8 EAST JIAOYU ROAD HETIAN DISTRICT HOUJIE TOWN HOUJIE TOWN

Sample Description: water-based PU (D15/AW67),size range:Adult(>14y)
Color A. Grey
B. White
H&M Order Number: /
Supplier: Dongguan Green key leather co.,LTd.
Factory Unit: /
Date of Testing: January 9, 2018 - January 15, 2018
Number of Working Days: 5
Priority: Regular

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Alkylphenols (AP) Content Test	PASS	
Alkylphenol Ethoxylates (APEO) Content Test	PASS	
Disperse Dyes Content Test	PASS	
Phthalates Content Test	PASS	
Polycyclic Aromatic Hydrocarbons (PAHs) Content Test	PASS	
pH Value Test	PASS	
Organotin Compounds Content Test	PASS	
Chlorophenols Content (PCP, TeCP, TrCP) Test	PASS	
Phenols Content (OPP) Test	PASS	
Dimethylformamide (DMF) Content Test	PASS	
Dimethylfumarate Content Test	PASS	
Short Chain Chlorinated Paraffins (SCCPs) (C10-13) and Medium Chain Chlorinated Paraffins (MCCPs) (C14-C17) Content Test	PASS	
Total Heavy Metals Content Test	PASS	
Extractable Heavy Metals Content Test - German Standard DIN EN 16711-2	DATA	

HML

Bureau Veritas
Consumer Products Services Division (Shanghai)
No. 168, Guanghua Road, Zhuanqiao Town,
Minhang, Shanghai China, 201108
Tel.:86-21-24081888 Fax:86-21-64890042
Email:bvcpsh_info@cn.bureauveritas.com
Http:www.cps.bureauveritas.com

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.cps.bureauveritas.com> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.

The content of this PDF file is in accordance with the original issued reports for reference only.
This Test Report cannot be reproduced, except in full, without prior written permission of the



Technical Report: **(6618)009-1103**

January 15, 2018

Page 2 of 20

REMARK

If there are questions or concerns on this report, please contact the following persons:

General enquiry and invoicing

Mr. Roland Xue

(021) 24081906

Roland.Xue@cn.bureauveritas.com

Technical enquiry-Chemical

Mr. Alex Zhong

(021) 24081595

Alex.Zhong@cn.bureauveritas.com

BUREAU VERITAS

CONSUMER PRODUCTS SERVICES DIVISION (SHANGHAI)

PREPARED

BY :

Roland

Yucy Li

Operation Manager



Technical Report: **(6618)009-1103**

January 15, 2018

Page 3 of 20

Photo of the Submitted Sample



(6618)009-1103

**TEST RESULT****Alkylphenols (AP) Content Test**

- Test Method I** : For Textile:
Methanol extraction followed by GC-MS or LC-MS analysis
- Test Method II** : For Leather :
With reference to International Standard ISO 18218-1 & ISO 18218-2: 2015 (Modified).
- Test Method III** : For Plastic, Rubber, Paint, Surface coating & Foam, Fusing, Padding, Feather & Down :
Tetrahydrofuran (THF) / Acetonitrile (ACN) extraction and analysis by Gas Chromatograph Mass Spectrometer (GC-MS).
- Test Method IV** : For Paper, Wood & Natural Straw : With reference to International Standard ISO18254 : 2015 (Modified), followed by GC-MS or LC-MS analysis.
- Tested Item(s)** : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit:	5 mg/kg (Each)
-----------------------	-----------------------

Tested Item(s)	Test Method	Result			Conclusion
		Detected Analyte(s)	Conc.	Unit	
A0	I	ND	ND	mg/kg	PASS
B0	I	ND	ND	mg/kg	PASS

Note:

ND = Not detected

“>” = More than

Conc. = Concentration

ppm = part(s) per million = mg/kg

mg/kg = milligram(s) per kilogram

Reporting Limit (mg/kg) : Each (OP & NP) : 5

Remark:

- The list of alkylphenols is summarized in table of Appendix.

**TEST RESULT****Alkylphenol Ethoxylates (APEO) Content Test**

- Test Method I** : For Textile, and Fusing, Padding, Feather & Down:
International Standard ISO 18254: 2015.
- Test Method II** : For Leather :
With reference to International Standard ISO 18218-1: 2015
- Test Method III** : For Plastic, Rubber, Paint, Surface coating & Foam:
Tetrahydrofuran (THF) / Acetonitrile (ACN) extraction and analysis by Gas Chromatograph Mass Spectrometer (LC-MS). ISO 18254 (Modified).
- Test Method IV** : For Paper, Wood & Natural Straw: With reference to International Standard ISO 18254: 2015, followed by LC-MS.
- Tested Item(s)** : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit:	50 mg/kg (Each)
-----------------------	------------------------

Tested Item(s)	Test Method	Result			Conclusion
		Detected Analyte(s)	Conc.	Unit	
A0	I	OPEOs	24.1	mg/kg	PASS
B0	I	OPEOs	27.1	mg/kg	PASS

Note:

ND = Not detected

“>” = More than

Conc. = Concentration

ppm = part(s) per million = mg/kg mg/kg = milligram(s) per kilogram

Reporting Limit (mg/kg) : Each (OPEOs & NPEOs) : 20

Remark:

- The list of alkylphenol ethoxylates is summarized in table of Appendix.



Technical Report: **(6618)009-1103**

January 15, 2018

Page 6 of 20

TEST RESULT

Disperse Dyes Content Test

Test Method : German Standard DIN 54231: 2005 /
German Test Method § 64 LFGB B82.02-10: 2007

Tested Item(s) : A0 Grey fake leather with white base fabric

Maximum Limit:	15 mg/kg (Each)
-----------------------	------------------------

Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
A0	ND	ND	mg/kg	PASS

Note:

ND = Not detected

ppm = part(s) per million = mg/kg

Reporting Limit (mg/kg) : Each 15

“>” = More than

mg/kg = milligram(s) per kilogram

Conc. = Concentration

Remark:

- The list of disperse dyes is summarized in table of Appendix.



Technical Report: **(6618)009-1103**

January 15, 2018

Page 7 of 20

TEST RESULT

Phthalates Content Test

Test Method I : Textile: European Standard EN ISO 14389: 2014.

Test Method II : Other materials:
Organic solvent extraction and analysis by Gas Chromatograph Mass Spectrometer (GC-MS).

Tested Item(s) : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit:	All Listed Phthalates: 250 mg/kg (Each) The sum of phthalates: 500 mg/kg
-----------------------	---

Tested Item(s)	Result				Conclusion
	Test Method	Detected Analyte(s)	Conc.	Unit	
A0	II	ND	ND	mg/kg	PASS
B0	II	ND	ND	mg/kg	PASS

Note:

ND = Not detected

ppm = part(s) per million = mg/kg

Reporting Limit (mg/kg) : Each : 50

“>” = More than

mg/kg = milligram(s) per kilogram

Conc. = Concentration

Remark:

- The list of phthalates is summarized in table of Appendix.



TEST RESULT

Polycyclic Aromatic Hydrocarbons (PAHs) Content Test

Test Method : With reference to test method mentioned in German AfPS GS 2014:01 PAK.

Tested Item(s) : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit:	Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene and Pyrene: <10 mg/kg (Sum) Naphthalene: <2 mg/kg Others, for non- children's products: 1 mg/kg (Each) Others, for children's products (0-14 years): 0.5 mg/kg (Each) All listed 18 PAHs: <10 mg/kg (Sum)
-----------------------	--

Parameter	Unit	Result		
-	-	A0	B0	-
Benzo (a) anthracene	mg/kg	ND	ND	-
Benzo (a) pyrene	mg/kg	ND	ND	-
Benzo (e) pyrene	mg/kg	ND	ND	-
Benzo (g,h,i) perylene	mg/kg	ND	ND	-
Benzo (b) fluoranthene	mg/kg	ND	ND	-
Benzo (j) fluoranthene	mg/kg	ND	ND	-
Benzo (k) fluoranthene	mg/kg	ND	ND	-
Chrysene	mg/kg	ND	ND	-
Dibenzo (a,h) anthracene	mg/kg	ND	ND	-
Indeno (1,2,3-cd) pyrene	mg/kg	ND	ND	-
Acenaphthylene *	mg/kg	ND	ND	-
Acenaphthene *	mg/kg	ND	ND	-
Anthracene *	mg/kg	ND	ND	-
Fluoranthene *	mg/kg	ND	ND	-
Fluorene *	mg/kg	ND	ND	-
Phenanthrene *	mg/kg	ND	ND	-
Pyrene *	mg/kg	ND	ND	-
Naphthalene	mg/kg	ND	ND	-
Sum of PAH with *	mg/kg	ND	ND	-
Sum of 18 PAH	mg/kg	ND	ND	-
Conclusion	-	PASS	PASS	-

Note:

ND = Not detected

ppm = part(s) per million = mg/kg

Reporting Limit (mg/kg) : Each : 0.2

">" = More than

mg/kg = milligram(s) per kilogram

Conc. = Concentration

Remark:

- The list of polycyclic aromatic hydrocarbons is summarized in table of Appendix.

TEST RESULT

pH Value Test

Test Method I : International Standard ISO 3071: 2005, extraction with potassium chloride solution.

Test Method II : EN ISO 4045

Tested Item(s) : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Allowable Limit in Result Table	Type I	Textile for children aged 0-3 years, incl. bed linen (e.g. up to and including 98cl): pH 4.0- pH 7.5
	Type II	Final textile product with skin contact: pH 4.0 –pH 7.5
	Type III	Final textile product without skin contact: pH 4.0- pH 9.0
	Type IV	Feather & down, Products with direct skin contact : pH 6.6 – pH 7.0
	Type V	Leather products: pH 3.5- 7.0
	Type VI	Feather & down, Products without direct skin contact : pH 5.0 – pH 7.0

Parameter	Unit	Result		
-	-	A0	B0	-
Type	-	II	II	-
pH (Trial 1)	-	6.3	6.5	-
pH (Trial 2)	-	6.3	6.4	-
pH (Trial 3)	-	6.4	6.5	-
Mean of Trial 2 and 3	-	6.4	6.4	-
Conclusion	-	PASS	PASS	-

Note:

ND = Not detected

“>” = More than



TEST RESULT

Organotin Compounds Content Test

Test Method : With reference to International Standard ISO/TS 16179:2012. Methanol/Ethanol extraction, derivatisation and analysis by Gas Chromatograph Mass Spectrometer (GC-MS).

Tested Item(s) : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit:	DBT, DOT, DMT, MBT & TMT: 1 mg/kg (Each)
	For finished products or low matrix samples:- TBT, TCyHT, TOT, TPhT & TPT: 0.05 mg/kg (Each)
	For raw materials or high matrix samples:- TBT, TCyHT, TOT, TPhT & TPT: 0.5 mg/kg (Each)

Tested Item(s)	Type	Result			Conclusion
		Detected Analyte(s)	Conc.	Unit	
A0	I	ND	ND	mg/kg	PASS
B0	I	ND	ND	mg/kg	PASS

Note:

ND = Not detected

“>” = More than

Conc. = Concentration

ppm = part(s) per million = mg/kg mg/kg = milligram(s) per kilogram

Reporting Limit (mg/kg) : Each : 0.05 (Type I); Each : 0.5 (Type II)

Remark:

- The list of organotin compounds is summarized in table of Appendix.
- Type I denotes as finished products or low matrix samples.
- Type II denotes as raw materials or high matrix samples.

TEST RESULT

Chlorophenols Content (PCP, TeCP, TrCP) Test

Test Method I : For Textile & Others :
64 LFBG B 82.02-8 (Modified). Potassium hydroxide extraction, derivatisation and analysis by Gas Chromatograph Mass Spectrometer (GC-MS).

Test Method II : For Leather :
ISO 17070:2015 (Modified). Potassium hydroxide extraction, derivatisation and analysis by Gas Chromatograph Mass Spectrometer (GC-MS).

Test Method III : For Wood :CEN/TR 14823:2003

Tested Item(s)	: A0	Grey fake leather with white base fabric
	B0	White fake leather with white base fabric

Maximum Limit:	Type I	Children < 3years, including bed linen: PCP: 0.05 mg/kg (sum); TeCP: 0.05 mg/kg (sum); TrCP: 0.2 mg/kg (sum)
	Type II	All other products: PCP: 0.5 mg/kg (sum); TeCP: 0.5 mg/kg (sum); TrCP: 0.5 mg/kg (sum)

Tested Item(s)	Type	Test Method	Result			Conclusion
			Detected Analyte(s)	Conc.	Unit	
A0	II	I	ND	ND	mg/kg	PASS
B0	II	I	ND	ND	mg/kg	PASS

Note:

ND = Not detected

“>” = More than

ppm = part(s) per million = mg/kg

mg/kg = milligram(s) per kilogram

Reporting Limit (mg/kg) : Each : 0.05

Remark:

- The list of phenols is summarized in table of Appendix.



TEST RESULT

Phenols Content (OPP) Test

Test Method : 64 LFBG B 82.02-8 (Modified). Acetone extraction, derivatisation and analysis by Gas Chromatograph Mass Spectrometer (GC-MS).

Tested Item(s) : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit:	Type I	Children < 3years: 50 mg/kg
	Type II	Children > 3 years and Adults: 100 mg/kg
	Type III	Soft Home Interior Products/ Interior Products:100 mg/kg

Tested Item(s)	Type	Result			Conclusion
		Detected Analyte(s)	Conc.	Unit	
A0	II	ND	ND	mg/kg	PASS
B0	II	ND	ND	mg/kg	PASS

Note:

ND = Not detected

ppm = part(s) per million = mg/kg

Reporting Limit (mg/kg) : 5

“>” = More than

mg/kg = milligram(s) per kilogram

Remark:

- The list of phenols is summarized in table of Appendix.



Technical Report: **(6618)009-1103**

January 15, 2018

Page 13 of 20

TEST RESULT

Dimethylformamide (DMF) Content Test

Test Method : ISO/TS 16189:2013.

Tested Item(s) : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit:	Conventional PU: 500 mg/kg DMFa-free PU material / betterPU: 5 mg/kg
-----------------------	---

Tested Item(s)	Result	Unit	Conclusion
A0	ND	mg/kg	PASS
B0	ND	mg/kg	PASS

Note:

ND = Not detected

ppm = part(s) per million = mg/kg

Reporting Limit (mg/kg) : 5

“>” = More than

mg/kg = milligram(s) per kilogram



Technical Report: **(6618)009-1103**

January 15, 2018

Page 14 of 20

TEST RESULT

Dimethylfumarate Content Test

Test Method I : International Standard ISO/TS 16186: 2012.

Tested Item(s) : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit:	0.03 mg/kg		
Tested Item(s)	Result	Unit	Conclusion
A0	ND	mg/kg	PASS
B0	ND	mg/kg	PASS

Note:

ND = Not detected

ppm = parts per million = mg/kg

Reporting Limit (mg/kg): 0.03

“>” = More than

mg/kg = milligram per kilogram



TEST RESULT

Short Chain Chlorinated Paraffins (SCCPs) (C10-13) and Medium Chain Chlorinated Paraffins (MCCPs) (C14-C17) Content Test

- Test Method I** : For leather material:
International Standard ISO 18219. n-Hexane extraction and analysis by Gas Chromatograph Mass Spectrometer in Negative Chemical Ionization mode (GC-MS-NCI).
- Test Method II** : For textile, plastic, rubber, paint, surface coating & foam materials:
With reference to Draft DIN EN ISO 18219:2015 (modified). n-Hexane extraction and analysis by Gas Chromatograph Mass Spectrometer in Negative Chemical Ionization mode (GC-MS-NCI).
- Tested Item(s)** : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit:		SCCP: 100 mg/kg MCCP: 1000 mg/ kg		
-	Unit	Result		
Tested Item(s)	-	A0	B0	-
Test method	-	II	II	-
Parameter	-	-	-	-
MCCP	mg/kg	ND	ND	-
SCCP	mg/kg	ND	ND	-
Conclusion	-	PASS	PASS	-

Note:

ND = Not detected

“>” = More than

ppm = part(s) per million = mg/kg

mg/kg = milligram(s) per kilogram

Reporting Limit (mg/kg) : Each 30

Remark:

- The list of chlorinated paraffins is summarized in table of Appendix.



TEST RESULT

Total Heavy Metals Content Test

- Test Method I** : Textile & Others :
DIN EN 16711-1: 2014-04. Microwave digestion and analysis by Inductively Coupled Plasma Mass Spectrometer (ICP-MS).
- Test Method II** : Leather :
ISO 17072-2: 2011. Microwave digestion and analysis by Inductively Coupled Plasma Mass Spectrometer (ICP-MS).
- Test Method III** : Ceramics & Porcelain; Glass & Crystal
DIN EN 16711-1: 2014-04. Microwave digestion and analysis by Inductively Coupled Plasma Mass Spectrometer (ICP-MS).
- Tested Item(s)** : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

	Cr	Pb	Cd	As	Sb	Hg
Maximum Limit: (mg/kg)	100	Metal Decorative and Functional items: 90 g/kg Ceramic & Porcelain; Glass & Crystal : 500 mg/kg Ceramic & Porcelain; Crystal – accessible parts in children products (up to 12 years old) : 100 mg/kg Others: 90 mg/kg	Textile & Leather: 1 mg/kg Others: 40 mg/kg	1	-	0.5mg/kg

Parameter	Unit	Result		
-	-	A0	B0	
Test Method	-	I	I	-
Total Chromium (Cr)	mg/kg	NR	NR	-
Total Lead (Pb)	mg/kg	4.02	2.38	-
Total cadmium (Cd)	mg/kg	ND	ND	-
Total Arsenic (As)	mg/kg	NR	NR	-
Total Antimony (Sb)	mg/kg	NR	NR	-
Total Mercury (Hg)	mg/kg	NR	NR	-
Conclusion	-	PASS	PASS	-

Note:

ND = Not detected

“>” = More than

NR=Not Requested

ppm = part(s) per million = mg/kg mg/kg = milligram(s) per kilogram NA = Not Applicable

Reporting Limit (mg/kg) : Hg : 0.1(Method I, Method II); Each (Others) : 1 (Method I, Method II);

Pb: 20 (Method III)



TEST RESULT

Extractable Heavy Metals Content Test - German Standard DIN EN 16711-2

Test Method : Artificial sweat solution extraction according to German Standard DIN EN 16711-2: 2014-04 and analysis by Inductively Coupled Plasma Mass Spectrometer (ICP-MS).

Tested Item(s) : A0 Grey fake leather with white base fabric
B0 White fake leather with white base fabric

Maximum Limit: (mg/kg)	Sb	Cr	Co	Cu	Ni	As	Pb	Hg	Cd
	30	1.0	1.0	25	1.0	0.2	0.2	0.02	0.1

Parameter	Unit	Result		
-	-	A0	B0	-
Extractable Antimony (Sb)	mg/kg	0.591	1.69	-
Extractable Chromium (Cr)	mg/kg	ND	ND	-
Extractable Cobalt (Co)	mg/kg	ND	ND	-
Extractable Copper (Cu)	mg/kg	NA	NA	-
Extractable Nickel (Ni)	mg/kg	ND	ND	-
Extractable Arsenic (As)	mg/kg	ND	ND	-
Extractable Lead (Pb)	mg/kg	ND	ND	-
Extractable Mercury (Hg)	mg/kg	ND	ND	-
Extractable Cadmium (Cd)	mg/kg	NA	NA	-
Conclusion	-	DATA	DATA	-

Note:

ND = Not detected

">" = More than

NR = Not requested

ppm = part(s) per million = mg/kg

mg/kg = milligram(s) per kilogram

NA=Not Applicable

Reporting Limit (mg/kg) : Each (Sb, Cr, Co, Cu, Ni, As, Pb) : 0.1; Each (Hg, Cd) : 0.02



APPENDIX

List of Alkylphenols :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Octylphenol (OP)	Various (140-66-9, 27193-28-8, 1806-26-4)	2	Nonylphenol (NP)	Various (25154-52-3, 104-40-5, 84852-15-3, 11066-49-2)
CAS-No. = Chemical Abstracts Service registry number					

List of Alkylphenol Ethoxylates :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Octylphenoethoxylates (OPEOs)	Various (9002-93-1, 9036-19-5, 68987-90-6)	2	Nonylphenoethoxylates (NPEOs)	Various (9016-45-9, 26027-38-3, 127087-87-0, 37205-87-1, 68412-54-4)
CAS-No. = Chemical Abstracts Service registry number					

List of Disperse Dyes :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Disperse blue 1	2475-45-8	16	Disperse orange 3	730-40-5
2	Disperse blue 3	2475-46-9	17	Disperse orange 11	82-28-0
3	Disperse blue 7	3179-90-6	18	Disperse orange 37/59/76 **	12223-33-5 51811-42-8
4	Disperse blue 26	3860-63-7	19	Disperse yellow 1	119-15-3
5	Disperse blue 35	12222-75-2	20	Disperse yellow 3	2832-40-8
6	Disperse blue 102	12222-97-8	21	Disperse yellow 9	6373-73-5
7	Disperse blue 106	12223-01-7	22	Disperse yellow 23	6250-23-3
8	Disperse blue 124	61951-51-7	23	Disperse yellow 39	12236-29-2
9	Disperse brown 1	23355-64-8	24	Disperse yellow 49	54824-37-2
10	Disperse red 1	2872-52-8	25	Disperse orange 149	85136-74-9
11	Disperse red 11	2872-48-2	** Disperse orange 76 is a synonyme name for disperse orange 37.		
12	Disperse red 17	3179-89-3			
13	Disperse orange 1	2581-69-3			
14	Disperse Red 151	61968-47-6	26	Disperse yellow 56	54077-16-6
15	Disperse yellow 7	6300-37-4	--	--	--
CAS-No. = Chemical Abstracts Service registry number					



APPENDIX

List of Phthalates :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Butyl benzyl phthalate (BBP)	85-68-7	13	Di-iso-pentyl phthalate (DIPP)	605-50-5
2	Dibutyl phthalate (DBP)	84-74-2	14	n-Pentyl-iso-pentyl phthalate (NPIPP)	776297-69-9
3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	15	Di-cyclohexyl phthalate (DCHP)	84-61-7
4	Di-iso-butyl phthalate (DIBP)	84-69-5	16	Di-iso-octyl phthalate (DIOP)	27554-26-3
5	Di-n-octyl phthalate (DNOP)	117-84-0	17	Di-n-pentyl phthalate (DPP)	131-18-0
6	Di-iso-nonyl phthalate (DINP)	28553-12-0	18	Dihexyl phthalate, branched and linear	68515-50-4
7	Di-iso-decyl phthalate (DIDP)	26761-40-0	19	Dimethyl phthalate (DMP)	131-11-3
8	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	20	1,2-benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
9	Di-n-hexyl phthalate (DHP)	84-75-3	21	1,2-benzenedicarboxylic acid, di-C7-11-branched and linear, alkyl esters (DHUNP)	68515-42-4
10	Dinonyl phthalate (DNP)	84-76-4	22	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6
11	Diethyl phthalate (DEP)	84-66-2	-	-	-
12	Di-n-propyl phthalate (DPRP)	131-16-8	-	-	-
CAS-No. = Chemical Abstracts Service registry number					

List of Polycyclic Aromatic Hydrocarbons :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Naphthalene	91-20-3	10	Benzo (a) anthracene	56-55-3
2	Acenaphthylene	208-96-8	11	Chrysene	218-01-9
3	Acenaphthene	83-32-9	12	Benzo (a) pyrene	50-32-8
4	Fluorene	86-73-7	13	Indeno (1,2,3-cd) pyrene	193-39-5
5	Phenanthrene	85-01-8	14	Dibenzo (a,h) anthracene	53-70-3
6	Anthracene	120-12-7	15	Benzo (g,h,i) perylene	191-24-2
7	Fluoranthene	206-44-0	16	Benzo (b) fluoranthene	205-99-2
8	Pyrene	129-00-0	17	Benzo (k) fluoranthene	207-08-9
9	Benzo(e)pyrene	192-97-2	18	Benzo(j)fluoranthene	205-82-3
CAS-No. = Chemical Abstracts Service registry number					

List of Organotin Compounds :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Dibutyltin (DBT)	1002-53-5	6	Tricyclohexyltin (TCyT)	6056-50-4
2	Diocetyl tin (DOT)	15231-44-4	7	Tributyltin (TBT)	56573-85-4
3	Dimethyltin (DMT)	23120-99-2	8	Triocetyl tin (TOT)	250252-89-2
4	Monobutyltin (MBT)	-	9	Triphenyltin (TPhT)	668-34-8
5	Trimethyltin (TMT)	1631-73-8	10	Tripropyltin (TPT)	-
CAS-No. = Chemical Abstracts Service registry number					



APPENDIX

List of Chlorophenols :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Pentachlorophenol (PCP) and its salts and esters	87-86-5	3	Trichlorophenol (TrCP) and its salts and esters: 2,3,5- Trichlorophenol; 2,3,6- Trichlorophenol & 2,4,5- Trichlorophenol; 2,4,6- Trichlorophenol; 3,4,5- Trichlorophenol & 2,3,4- Trichlorophenol	933-78-8; 933-75-5 & 95-95-4; 88-06-2; 609-19-8 & 15950-66-0
2	Tetrachlorophenol (TeCP) and its salts and esters: 2,3,5,6- Tetrachlorophenol 2,3,4,6- Tetrachlorophenol 2,3,4,5- Tetrachlorophenol	935-95-5 58-90-2 4901-51-3	-	-	-
CAS-No. = Chemical Abstracts Service registry number					

List of Phenols :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	o-Phenylphenol (OPP)	90-43-7	-	-	-
CAS-No. = Chemical Abstracts Service registry number					
List of Chlorinated Paraffins :					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Short Chained (C10 – C13) Chlorinated Paraffins (SCCPs)	85535-84-8	2	Medium Chained (C14 – C17) Chlorinated Paraffins (MCCPs)	85535-85-9
CAS-No. = Chemical Abstracts Service registry number					

-END-