HARMONY FLOCK JIANGMEN CO.,LTD
NO.52,LIYI 2ND ROAD ,LILE TOWN,JIANGHAI DISTRICT ,JIANGMEN CITY GUANGDONG PROVINCE,CHINA

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

Sample Description	:	ONE SAMPLE OF NYLON/RAYON/ACRYLIC/POLYESTER FLOCK IN PURPLE FOR FLOCKING.
Buyer	:	HARMONY FLOCK JIANGMEN CO.,LTD
Style No.	:	N&R-TYPE
Manufacture	:	HARMONY FLOCK JIANGMEN CO.,LTD
Country of Destination	:	EU
Sample Receiving Date	:	Apr 10,2019
Testing Period	:	Apr 10,2019 - Apr 26,2019
Test Result(s)	:	For further details, please refer to the following page(s).
Test Performed	:	Selected test(s) as requested by applicant

Conclusion(s) :

Free Formaldehyde Content	M
EN 71 Part 3:1994 + A1:2000/AC:2002 – Migration of Certain Elements	M
Alkylphenols (AP)	M
Alkylphenol Ethoxylates (APEO)	M
Azo Dyes	M
Phthalates	#
SVHC	M

Remark(s) :

M	= Meet Client's Requirement
F	= Below Client's Requirement
#	# = No Specified Requirement

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Lily Wang
Account Manager

COMPONENT LIST / List of Materials

Sample No.	Component No.	Description	Composition	Material	Color	Remark
A	1	Flock		Blended Fibers	Purple	

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Test Result

Free Formaldehyde in Textile

Test Method: With reference to ISO 14184-1:2011 – Textile – Determination of Formaldehyde Part 1: Free and hydrolyzed formaldehyde (water extraction method). Analysis was performed by UV/VIS spectrophotometer.

	Result (mg/kg)	Recommended Max. Limit (mg/kg)		
	1	Baby	Direct contact with skin	Indirect contact with skin
Formaldehyde	n.d.	n.d.	75	300
Conclusion	**Pass**			

Note: n.d. = not detected
* = exceed the limit
# = Exceeds the relevant requirements of 2 / 3-composite mix
Detection limit = 16 mg/kg

Remark: **Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.**

EN 71 Part 3:1994 + A1:2000/AC:2002 – Migration of Certain Elements

Method : With reference to EN 71 Part 3:1994 + A1:2000/AC:2002. Analysis was performed by ICP-OES.

Test Item		Result (mg/kg)	Detection Limit (mg/kg)	Permissible Limit (mg/kg)
		1		
Soluble Lead	(Pb)	ND	5	90
Soluble Antimony	(Sb)	ND	5	60
Soluble Arsenic	(As)	ND	2.5	25
Soluble Barium	(Ba)	ND	10	1000
Soluble Cadmium	(Cd)	ND	5	75
Soluble Chromium	(Cr)	ND	5	60
Soluble Mercury	(Hg)	ND	5	60
Soluble Selenium	(Se)	ND	10	500
Comment		**PASS**	--	--

Note : 1. mg/kg = milligram per kilogram
2. ND = Not Detected
3. Results shown are of the adjusted analytical result

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Alkylphenols (AP)

Test Method: In-house method – Solvent extraction. Analysis was conducted by HPLC-MS.

Alkylphenols	**Result (mg/kg)**	**Recommended Max. Limit (mg/kg)**
	1	
Nonylphenol (NP)	n.d.	1000
Conclusion	**Pass**	
Octylphenol (OP)	n.d.	/
Conclusion	**N.A.**	

Note: n.d. = not detected
N.A.= not applicable
Detection Limit: 50 mg/kg

Remark: Recommended Max. limit specified by entry 46 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006

Alkylphenol Ethoxylates (APEO)

Test Method: In-house method – Solvent extraction. Analysis was conducted by HPLC-MS.

Alkylphenol Ethoxylates	**Result (mg/kg)**	**Recommended Max. Limit (mg/kg)**
	1	
Nonylphenol Ethoxylate (NPEO)	n.d.	1000
Conclusion	**Pass**	
Octylphenol Ethoxylate (OPEO)	n.d.	/
Conclusion	**N.A.**	

Note: n.d. = not detected
N.A.= not applicable
Detection Limit: 50 mg/kg

Remark: Recommended Max. limit specified by entry 46 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006

Azo Dyes

Test Method:
Textile: According to EN 14362-1:2012 – Analysis was conducted with GC-MS/HPLC-DAD.
Determination of 4-aminoazobenzene (CAS No.:60-09-3) – EN 14362-3:2012; with the use of GC-MS/HPLC-DAD.

Amines		Result (mg/kg)	Client requirement / Recommended Max. Limit (mg/kg)
	CAS No.	1	
4-Aminobiphenyl	92-67-1	ND	30
Benzidine	92-87-5	ND	30
4-Chlor-o-toluidine	95-69-2	ND	30
2-Naphthylamine	91-59-8	ND	30
o-Aminoazotoluene	97-56-3	ND	30
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	ND	30
4-Chloroaniline	106-47-8	ND	30
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	ND	30
4,4'-Diaminodiphenylmethane	101-77-9	ND	30
3,3'-Dichlorobenzidine	91-94-1	ND	30
3,3'-Dimethoxybenzidine	119-90-4	ND	30
3,3'-Dimethybenzidine	119-93-7	ND	30
4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ND	30
p-Cresidine	120-71-8	ND	30
4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	ND	30
4,4'-Oxydianiline	101-80-4	ND	30
4,4'-Thiodianiline	139-65-1	ND	30
o-Toluidine	95-53-4	ND	30
4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	ND	30
2,4,5-Trimethylaniline	137-17-7	ND	30
4-aminoazobenzene	60-09-3	ND	30
O-Anisidine	90-04-0	ND	30
2,6 – Xylidine	87-62-7	ND	30
2,4 – Xylidine	95-68-1	ND	30
Conclusion		**Pass**	

Note: ND = not detected
*= exceed the limit
Detection Limit = 10 mg/kg (for individual compound)

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Remark: Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-naphylamine (CAS number 91-59-8) and 4-methoxy-m-phenylene-diamine (CAS number 615-05-4) is found, the use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used.

In case polyurethane materials are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) and 2,4-toluylen-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant.

In case of pigment prints care has to be taken that 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) is not released from a source of banned azo colorants but from e.g. a chemical fixing agent.

The EN 14362-1:2012 and ISO 17234-1 methods will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine. If aniline and/or 1,4-phenylenediamine is not found (i.e. 5mg/kg) by mentioned test method, test result for 4-aminoazobenzene (CAS no. 60-09-3) is considered as "not detected" (i.e. <5mg/kg). Otherwise, the test method of EN 14362-3:2012 / ISO 17234-2 will be employed to verify the presence of 4-aminoazobenzene.

Test was conducted on composite of random parts of the item as per client's request and the test result is the overall result.

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Phthalates

Test Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by GC-MS.

Phthalates	CAS_NO	Result (%)
		1
Bis(2-ethylhexyl) Phthalate (DEHP)	117-81-7	ND
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	ND
Di-n-octyl Phthalate (DNOP)	117-84-0	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	ND
Bis(2-methoxyethyl) Phthalate (DMEP)	117-82-8	ND
Di-n-pentyl Phthalate (DnPP)	131-18-0	ND
Diisopentyl Phthalate (DIPP)	605-50-5	ND
Di-n-hexyl Phthalate (DnHP)	84-75-3	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)	68515-42-4	ND
Diethyl Phthalate (DEP)	84-66-2	ND
n-pentyl Isopentyl Phthalate (nPIPP)	776297-69-9	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich (DIHP)	71888-89-6	ND
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear (DPP)	84777-06-0	ND

Note: n.d. = not detected
1% = 10000 mg/kg
Detection limit: 0.005% (for individual compound)

SVHC

Test Requested : As requested by client, SVHC screening is performed according to:
(i) One hundred and ninety seven (197) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jan 15, 2019 regarding Regulation (EC) No 1907/2006 concerning the REACH.
(ii) Additional One (1) Substances of Very High Concern (SVHC) identified by the notification of WTO on Feb 7, 2019..

Summary :

According to the specified scope and evaluation screening, the test results of SVHC are ≤ 0.1% (w/w) in the submitted sample. PASS

Remark :

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
http://echa.europa.eu/web/guest/candidate-list-table
These lists are under evaluation by ECHA and may subject to change in the future.
2. REACH obligation:
2.1 Concerning article(s):
Communication:
Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

Notification:
In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

SGS adopts the ruling of the Court of Justice of the European Union on the definition of an article under REACH unless indicated otherwise. Detail explanation is available at the following link:
http://www.sgs.com/-/media/global/documents/technical-documents/technical-bulletins/sgs-crs-position-statement-on-svhc-in-articles-a4-en-16-06.pdf?la=en

2.2 Concerning material(s):
Test results in this report are based on the tested sample. This report refers to testing result of

tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

2.3 Concerning substance and preparation:
If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:
- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
- a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:
(a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
(b) a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
(c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
(d) a substance for which there are Europe-wide workplace exposure limits.

3. If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Sample :

Sample Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN19-061831.001	Black & purple material

Test Method :

SGS In-House method- GZTC CHEM-TOP-092-01, GZTC CHEM-TOP-092-02, Analyzed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.

Test Result: (Substances in the Candidate List of SVHC)

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
-	All tested SVHC in candidate list	-	ND	-

Test Result:(Additional SVHC)

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
-	All tested SVHC	-	ND	-

Notes :

1.The table above only shows detected SVHC, and SVHC that below RL are not reported.
Please refer to Appendix for the full list of tested SVHC.
2.RL = Reporting Limit. All RL are based on homogenous material.ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
3.* The test result is based on the calculation of selected element(s) and to the worst-case scenario.
** The test result is based on the calculation of selected marker(s) and to the worst-case scenario.
For detail information, please refer to the SGS REACH website:
http://www.sgs.com/en/Consumer-Goods-Retail/Toys-and-Juvenile-Products/Toys/REACH/Management-of-SVHC.aspx
4.RL = 0.001% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc,
antimony, titanium, barium and cadmium respectively), except molybdenum RL=0.0005%, boron RL=0.0005% (only for Lead bis(tetrafluoroborate)).
5. Calculated concentration of boric compounds are based on the water extractive boron by ICP-OES.
6. Δ CAS No. of diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD): 134237-50-6, 134237-51-7, 134237-52-8.
7. ☆ CAS No. of Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride: 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9; EC No. of those: 247-094-1, 243-072-0, 256-356-4, 260-566-1.
8. § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) ≥0.1% (w/w).
9.Add. = Additional identified SVHC

Appendix
Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
I	1	4,4' -Diaminodiphenylmethane(MDA)	101-77-9	0.010
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.010
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.010
I	4	Anthracene	120-12-7	0.010
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.010
I	6	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	0.010
I	7	Bis(tributyltin)oxide (TBTO)	56-35-9	0.010
I	8	Cobalt dichloride*	7646-79-9	0.001
I	9	Diarsenic pentaoxide*	1303-28-2	0.001
I	10	Diarsenic trioxide*	1327-53-3	0.001
I	11	Dibutyl phthalate (DBP)	84-74-2	0.010
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)△	25637-99-4,3194-55-6	0.010
I	13	Lead hydrogen arsenate*	7784-40-9	0.001
I	14	Sodium dichromate*	7789-12-0, 10588-01-9	0.001
I	15	Triethyl arsenate*	15606-95-8	0.001
II	16	2,4-Dinitrotoluene	121-14-2	0.010
II	17	Acrylamide	79-06-1	0.010
II	18	Anthracene oil**	90640-80-5	0.010
II	19	Anthracene oil, anthracene paste**	90640-81-6	0.010
II	20	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	0.010
II	21	Anthracene oil, anthracene paste, distn. lights**	91995-17-4	0.010
II	22	Anthracene oil, anthracene-low**	90640-82-7	0.010
II	23	Diisobutyl phthalate	84-69-5	0.010
II	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	0.001
II	25	Lead chromate*	7758-97-6	0.001
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.001
II	27	Pitch, coal tar, high temp.**	65996-93-2	0.010

Appendix
Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
II	28	Tris(2-chloroethyl)phosphate	115-96-8	0.010
III	29	Ammonium dichromate*	7789-09-5	0.001
III	30	Boric acid*	10043-35-3, 11113-50-1	0.001
III	31	Disodium tetraborate, anhydrous*	1303-96-4, 1330-43-4, 12179-04-3	0.001
III	32	Potassium chromate*	7789-00-6	0.001
III	33	Potassium dichromate*	7778-50-9	0.001
III	34	Sodium chromate*	7775-11-3	0.001
III	35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.001
III	36	Trichloroethylene	79-01-6	0.010
IV	37	2-Ethoxyethanol	110-80-5	0.010
IV	38	2-Methoxyethanol	109-86-4	0.010
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	7738-94-5,-13530-68-2	0.001
IV	40	Chromium trioxide*	1333-82-0	0.001
IV	41	Cobalt(II) carbonate*	513-79-1	0.001
IV	42	Cobalt(II) diacetate*	71-48-7	0.001
IV	43	Cobalt(II) dinitrate*	10141-05-6	0.001
IV	44	Cobalt(II) sulphate*	10124-43-3	0.001
V	45	1,2,3-trichloropropane	96-18-4	0.010
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.010
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.010
V	48	1-methyl-2-pyrrolidone	872-50-4	0.010
V	49	2-ethoxyethyl acetate	111-15-9	0.010
V	50	Hydrazine	7803-57-8, 302-01-2	0.010
V	51	Strontium chromate*	7789-06-2	0.001

Appendix
Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VI	52	1,2-Dichloroethane	107-06-2	0.010
VI	53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.010
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	0.010
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.010
VI	56	Aluminosilicate Refractory Ceramic Fibres *	650-017-00-8 (Index no.)	0.001
VI	57	Arsenic acid*	7778-39-4	0.001
VI	58	Bis(2-methoxyethyl) ether	111-96-6	0.010
VI	59	Bis(2-methoxyethyl) phthalate	117-82-8	0.010
VI	60	Calcium arsenate*	7778-44-1	0.001
VI	61	Dichromium tris(chromate) *	24613-89-6	0.001
VI	62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.010
VI	63	Lead diazide, Lead azide*	13424-46-9	0.001
VI	64	Lead dipicrate*	6477-64-1	0.001
VI	65	Lead styphnate*	15245-44-0	0.001
VI	66	N,N-dimethylacetamide	127-19-5	0.010
VI	67	Pentazinc chromate octahydroxide*	49663-84-5	0.001
VI	68	Phenolphthalein	77-09-8	0.010
VI	69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.001
VI	70	Trilead diarsenate*	3687-31-8	0.001
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)	0.001
VII	72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)§	2580-56-5	0.010
VII	73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)§	548-62-9	0.010
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.010
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.010
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	0.010

Appendix
Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VII	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§	561-41-1	0.010
VII	78	Diboron trioxide*	1303-86-2	0.001
VII	79	Formamide	75-12-7	0.010
VII	80	Lead(II) bis(methanesulfonate)*	17570-76-2	0.001
VII	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.010
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	0.010
VII	83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.010
VII	84	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	0.010
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.001
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.010
VIII	87	1,2-Diethoxyethane	629-14-1	0.010
VIII	88	1-Bromopropane	106-94-5	0.010
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.010
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.010
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	0.010
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	0.010
VIII	93	4-Aminoazobenzene	60-09-3	0.010
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	0.010
VIII	95	4-Nonylphenol, branched and linear	-	0.010
VIII	96	6-Methoxy-m-toluidine	120-71-8	0.010
VIII	97	Acetic acid, lead salt, basic*	51404-69-4	0.001
VIII	98	Biphenyl-4-ylamine	92-67-1	0.010
VIII	99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	0.010

Appendix
Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7,13149-00-3,14166-21-3	0.010
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.010
VIII	102	Dibutyltin dichloride (DBTC)	683-18-1	0.010
VIII	103	Diethyl sulphate	64-67-5	0.010
VIII	104	Diisopentylphthalate	605-50-5	0.010
VIII	105	Dimethyl sulphate	77-78-1	0.010
VIII	106	Dinoseb	88-85-7	0.010
VIII	107	Dioxobis(stearato)trilead*	12578-12-0	0.001
VIII	108	Fatty acids, C16-18, lead salts*	91031-62-8	0.001
VIII	109	Furan	110-00-9	0.010
VIII	110	Henicosafluoroundecanoic acid	2058-94-8	0.010
VIII	111	Heptacosafluorotetradecanoic acid	376-06-7	0.010
VIII	112	Hexahydromethylphathalic anhydride, Hexahydro-4-methylphathalic anhydride, Hexahydro-1-methylphathalic anhydride, Hexahydro-3-methylphathalic anhydride	☆	0.010
VIII	113	Lead bis(tetrafluoroborate)*	13814-96-5	0.001
VIII	114	Lead cyanamidate*	20837-86-9	0.001
VIII	115	Lead dinitrate*	10099-74-8	0.001
VIII	116	Lead monoxide*	1317-36-8	0.001
VIII	117	Lead oxide sulfate*	12036-76-9	0.001
VIII	118	Lead tetroxide (orange lead)*	1314-41-6	0.001
VIII	119	Lead titanium trioxide*	12060-00-3	0.001
VIII	120	Lead titanium zirconium oxide*	12626-81-2	0.001
VIII	121	Methoxyacetic acid	625-45-6	0.010
VIII	122	Methyloxirane (Propylene oxide)	75-56-9	0.010
VIII	123	N,N-dimethylformamide	68-12-2	0.010
VIII	124	N-Methylacetamide	79-16-3	0.010
VIII	125	N-Pentyl-isopentylphthalate	776297-69-9	0.010
VIII	126	o-Aminoazotoluene	97-56-3	0.010

Appendix
Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	127	o-Toluidine	95-53-4	0.010
VIII	128	Pentacosafluorotridecanoic acid	72629-94-8	0.010
VIII	129	Pentalead tetraoxide sulphate*	12065-90-6	0.001
VIII	130	Pyrochlore, antimony lead yellow*	8012-00-8	0.001
VIII	131	Silicic acid, barium salt, lead-doped*	68784-75-8	0.001
VIII	132	Silicic acid, lead salt*	11120-22-2	0.001
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.001
VIII	134	Tetraethyllead*	78-00-2	0.001
VIII	135	Tetralead trioxide sulphate*	12202-17-4	0.001
VIII	136	Tricosafluorododecanoic acid	307-55-1	0.010
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.001
VIII	138	Trilead dioxide phosphonate*	12141-20-7	0.001
IX	139	4-Nonylphenol, branched and linear, ethoxylated	-	0.010
IX	140	Ammonium pentadecafluorooctanoate (APFO)**	3825-26-1	0.010
IX	141	Cadmium oxide*	1306-19-0	0.001
IX	142	Cadmium*	7440-43-9	0.001
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.010
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.010
X	145	Cadmium sulphide*	1306-23-6	0.001
X	146	Dihexyl phthalate	84-75-3	0.010
X	147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.010
X	148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	0.010
X	149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.010
X	150	Lead di(acetate)*	301-04-2	0.001
X	151	Trixylyl phosphate	25155-23-1	0.010
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.010

Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XI	153	Cadmium chloride*	10108-64-2	0.001
XI	154	Sodium perborate; perboric acid, sodium salt*	-	0.001
XI	155	Sodium peroxometaborate*	7632-04-4	0.001
XII	156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.010
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.010
XII	158	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1	0.010
XII	159	Cadmium fluoride*	7790-79-6	0.001
XII	160	Cadmium sulphate*	10124-36-4, 31119-53-6	0.001
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE & MOTE)	-	0.010
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	0.010
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	0.010
XIV	164	1,3-propanesultone	1120-71-4	0.010
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.010
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.010
XIV	167	Nitrobenzene	98-95-3	0.010
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1,21049-39-8, 4149-60-4	0.010
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.010
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.010

Appendix
Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XVI	171	4-Heptylphenol, branched and linear	-	0.010
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7,335-76-2,3830-45-3	0.010
XVI	173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.010
XVII	174	Perfluorohexane-1-sulphonic acid and its salts	-	0.010
XVIII	175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.010
XVIII	176	Benz[a]anthracene	56-55-3, 1718-53-2	0.010
XVIII	177	Cadmium nitrate*	10022-68-1, 10325-94-7	0.001
XVIII	178	Cadmium carbonate*	513-78-0	0.001
XVIII	179	Cadmium hydroxide*	21041-95-2	0.001
XVIII	180	Chrysene	218-01-9, 1719-03-5	0.010
XVIII	181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	0.010
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride)	552-30-7	0.010
XIX	183	Benzo[ghi]perylene	191-24-2	0.010
XIX	184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.010
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.010
XIX	186	Disodium octaborate*	12008-41-2	0.001
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.010
XIX	188	Ethylenediamine	107-15-3	0.010
XIX	189	Lead*	7439-92-1	0.001
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.010
XIX	191	Terphenyl hydrogenated	61788-32-7	0.010

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Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
XX	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	0.010
XX	193	2,2-bis(4'-hydroxyphenyl)-4- methylpentane	6807-17-6	0.010
XX	194	Benzo[k]fluoranthene	207-08-9	0.010
XX	195	Fluoranthene	206-44-0, 93951-69-0	0.010
XX	196	Phenanthrene	85-01-8	0.010
XX	197	Pyrene	129-00-0, 1718-52-1	0.010
Add.	198	4-tert-butylphenol (PTBP)	98-54-4	0.010

Sample Photo

End of Report

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