



TEST REPORT

Report No. : WTF23F09202560C
Applicant : Mid Ocean Brands B.V.
Address : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan,
Kowloon, Hong Kong
Manufacturer : 114628
Sample Name : hanging car air freshener
Sample Model : MO6206
Test Requested : Refer to next page (s)
Test Conclusion : **Pass** (Please refer to next pages for details)
Date of Receipt sample : 2023-09-14
Testing period : 2023-09-14 to 2023-09-27
Date of Issue : 2023-10-07
Test Result : Refer to next page (s)
Note : As specified by client, only test the designated sample.

Prepared By:

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Signed for and on behalf of
Waltek Testing Group (Foshan) Co., Ltd.

Swing Liang

Swing.Liang



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Summary

Item No.	Test Requested	Test Conclusion
1	Determination of Lead content in the submitted sample in accordance with REACH regulation Annex XVII Entries 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628	Pass
2	Determination of Cadmium content in the submitted sample in accordance with REACH regulation Annex XVII Entries 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011, No. 835/2012 and (EU) 2016/217	Pass
3	Determination of specified Phthalates content according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & No. 2018/2005	Pass
4	Determine the specified AZO Colorants contents in the submitted sample in according to the Entries 43 in Annex XVII of the REACH Regulation (EC) No.1907/2006 and the Amendment Regulation (EC) No.552/ 2009 & No.126/ 2013 (previously restricted under Directive 2002/61/EC).	Pass
5	Determination of specified Polycyclic Aromatic Hydrocarbons (PAHs) content in submitted sample in accordance with Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013.	Pass
6	As specified by client, determination of the released formaldehyde content in submitted sample	Pass
7	To determine the Pentachlorophenol and its salts and esters (PCP) content in the submitted sample with reference to Regulation (EU)2019/1021 and its amendment (EU)2020/784&(EU)2020/1203&(EU)2020/1204&(EU)2021/115&(EU)2021/277&(EU)2022/2291&(EU)2023/1608.	Pass
8	As requested by the applicant, to test Colour Fastness to Rubbing in the submitted sample.	Pass
9	According to European Commission Regulation 1907/2006 (REACH Act), to test and evaluate the 235 kinds of SVHC content which have been listed in ECHA's website (latest updated on Jun 14, 2023): https://echa.europa.eu/candidate-list-table	Pass [△]

Remark:

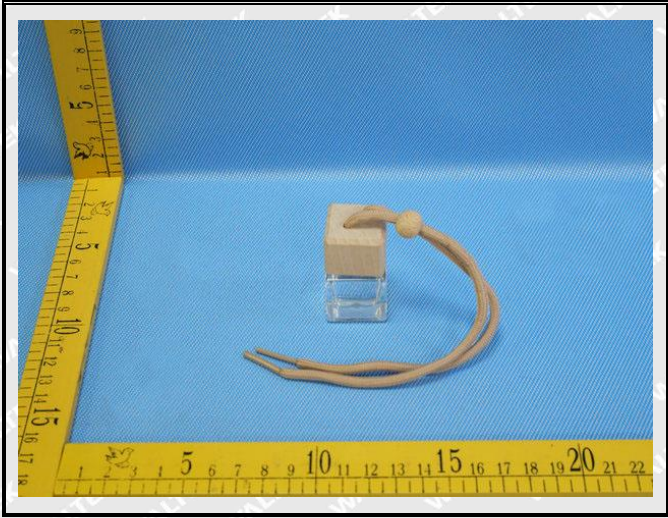
Pass[△] means

According to the specified scope and analytical technique, the concentrations of the 235 Substances of SVHC are less than 0.1% in the submitted samples



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Sample photo:



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Test Results:

1) Lead (Pb)

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.1+No.3	No.2	
Lead(Pb)	2	ND*	ND	500
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.4+No.7	No.5	No.6	
Lead(Pb)	2	ND*	11	ND	500
Conclusion	--	Pass	Pass	Pass	--

Note:

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Lead was quoted from REACH regulation Annex XVII Item 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628.
- (5) "*" = Results are calculated by the minimum weight of mixed components.

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2) Cadmium (Cd)

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	LOQ (mg/kg)	Results (mg/kg)
		No.4+No.7
Cadmium(Cd)	2	ND*
Conclusion	--	Pass

Note:

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Cadmium according to REACH regulation Annex XVII Item 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011 and No. 835/2012 and (EU) 2016/217.

Category	Limit (mg/kg)
Wet paint	100
Surface coating	1000
Plastic	100
Metal parts of jewellery and hair accessories	100

- (5) "*" = Results are calculated by the minimum weight of mixed components.

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3) Phthalates

Test Method: With reference to EN14372:2004, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Items	LOQ (%)	Results (%)	Limit (%)
		No.4+No.7	
Benzyl butyl phthalate (BBP)	0.005	ND*	sum of four phthalates < 0.1
Di (2-ethyl hexyl)- phthalate (DEHP)	0.005	ND*	
Dibutyl phthalate (DBP)	0.005	ND*	
Diisobutyl phthalate (DIBP)	0.005	ND*	
Diisodecyl phthalate (DIDP)	0.01	ND*	sum of three phthalates < 0.1
Diisononyl phthalate (DINP)	0.01	ND*	
Di-n-octyl phthalate (DNOP)	0.005	ND*	
Conclusion	--	Pass	--

Note:

DBP= Dibutyl phthalate

BBP= Benzyl butyl phthalate

DEHP= Bis-(2-ethylhexyl)- phthalate

DINP= Di-isononyl phthalate

DNOP= Di-n-octyl phthalate

DIDP= Di-isodecyl phthalate

DIBP= Diisobutyl phthalate

(1) % = percentage by weight

(2) ND = Not Detected or lower than limit of quantitation

(3) LOQ = Limit of quantitation

(4) "<" = less than

(5) The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & No. 2018/2005 (formerly known as Directive 2005/84/EC) for phthalate content in toys and child care articles.

(6) "*" = Results are calculated by the minimum weight of mixed components.



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4) AZO

Test Method: With reference to BS EN ISO 14362-1: 2017 and BS EN ISO 14362-3: 2017, analysis was performed by Gas Chromatographic Mass Spectrometry (GC-MS)

No.	Amines Substances	CAS No.	Limit (mg/kg)	Result (mg/kg)
				No.2
1	4-Aminobiphenyl	92-67-1	30	ND
2	Benzidine	92-87-5	30	ND
3	4-chloro-o-Toluidine	95-69-2	30	ND
4	2-Naphthylamine	91-59-8	30	ND
5	o-Aminoazotoluene	97-56-3	30	ND
6	2-Amino-4-nitrotoluene	99-55-8	30	ND
7	p-Chloroaniline	106-47-8	30	ND
8	2,4-diaminoanisole	615-05-4	30	ND
9	4,4'-Diaminodiphenylmethane	101-77-9	30	ND
10	3,3'-Dichlorobenzidine	91-94-1	30	ND
11	3,3'-Dimethoxybenzidine	119-90-4	30	ND
12	3,3'-Dimethylbenzidine	119-93-7	30	ND
13	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	30	ND
14	p-cresinin	120-71-8	30	ND
15	4,4'-Methylen-bis-(2-chloroaniline)	101-14-4	30	ND
16	4,4'-Oxydianiline	101-80-4	30	ND
17	4,4'-Thiodianiline	139-65-1	30	ND
18	o-Toluidine	95-53-4	30	ND
19	2,4-Toluyldiamine	95-80-7	30	ND
20	2,4,5 – Trimethylaniline	137-17-7	30	ND
21	o-anisidine	90-04-0	30	ND
22	4-aminoazobenzene	60-09-3	30	ND
23	2,4-Xylidin	95-68-1	30	ND
24	2,6-Xylidin	87-62-7	30	ND
Conclusion		--	--	Pass

Note:

- ND = Not Detected or lower than limit of quantitation
- mg/kg=Milligram per kilogram
- Limit of quantitation (mg/kg): Each 5mg/kg
- The CAS-numbers 97-56-3 and 99-55-8 are further reduced to CAS-numbers 95-53-4 and 95-80-7.
- AZO colorants that are able to form 4-aminoazobenzene, generate under the condition of this method aniline and 1,4-phenylenediamine. The presence of these colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorant used.



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5) Polycyclic Aromatic Hydrocarbons (PAHs)

Test Method: With reference to AFPS GS 2019:01 PAK method, analysis was performed by Gas Chromatographic Mass Spectrometry (GC-MS).

Test Items	Unit	Results	LOQ	Limit
		No.4+No.7		
Benzo(a)anthracene (BaA)	mg/kg	ND*	0.2	1.0
Chrysene (CHR)	mg/kg	ND*	0.2	1.0
Benzo[b]fluoranthene (BbFA)	mg/kg	ND*	0.2	1.0
Benzo[k]fluoranthene (BkFA)	mg/kg	ND*	0.2	1.0
Benzo(a)pyrene (BaP)	mg/kg	ND*	0.2	1.0
Dibenzo[a,h]anthracene (DBA _h A)	mg/kg	ND*	0.2	1.0
Benzo[j]fluoranthene (BjFA)	mg/kg	ND*	0.2	1.0
Benzo[e]Pyrene (BeP)	mg/kg	ND*	0.2	1.0
Conclusion	--	Pass	--	--

Note:

- (1) ND = Not Detected or lower than limit of quantitation
- (2) mg/kg=milligram per kilogram=ppm
- (3) LOQ = Limit of quantitation
- (4) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Articles shall not be placed on the market for supply to the general public, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 1 mg/kg (0,0001 % by weight of this component) of any of the listed PAHs.
- (5) As per Entries 50 of Annex XVII of REACH Regulation (EC) No 1907/2006 and its amendment Regulation (EU) No 1272/2013, Toys, including activity toys, and childcare articles, shall not be placed on the market, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use, contain more than 0,5 mg/kg (0,00005 % by weight of this component) of any of the listed PAHs.
- (6) "*" = Results are calculated by the minimum weight of mixed components.



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6) Formaldehyde

Test Method: With reference to EN717-3:1996, analysis was performed by UV-VIS

Test Item	Unit	Result	MDL	Client's Limit
		No.1+No.3		
Formaldehyde (CH ₂ O)	mg/kg	ND*	10	80
Conclusion	--	Pass	--	--

Note:

- ND = Not Detected or lower than limit of quantitation
- mg/kg = milligram per kilogram = ppm
- LOQ = Limit of quantitation
- "*" = Results are calculated by the minimum weight of mixed components.

7) Pentachlorophenol and its salts and esters (PCP)

Test method: With reference to In-house Method, analysis was performed by GC-MS.

Test Items	Result (mg/kg)	Limit (mg/kg)	LOQ (mg/kg)
	No.1+No.3		
Pentachlorophenol and its salts and esters (PCP)	ND*	≤ 5mg/kg in substances, mixtures or articles	5
Conclusion	Pass	--	--

Note:

- (1) ND = Not Detected or lower than limit of quantitation
- (2) mg/kg = milligram per kilogram = ppm
- (3) LOQ = Limit of quantitation
- (4) "*" = Results are calculated by the minimum weight of mixed components.

8) Colour Fastness to Rubbing

Colour Fastness to Rubbing			
(ISO 105-X12: 2016; Size of rubbing finger: 16mm diameter.)			
		No.2	Client's Limit
Length	Dry staining	4-5	2-3
	Wet staining	4-5	2-3
Width	Dry staining	--	2-3
	Wet staining	--	2-3
Conclusion		Pass	--

Note:

- (1) Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.



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9) REACH 235 Substances of SVHC

Test Method:

In-house method, analysis was performed by ICP-OES, ICP-MS, AAS, UV-Vis, IC, XRF, GC-ECD, GC-MS, HPLC, LC-MS/MS.

Test Result:

Group No.	Substance Name	CAS NO.	Test Results (%)	RL (%)
1	235 Substances of SVHC in candidate list	--	ND	--

Test Group(s):

1: Non-metal (No.6)

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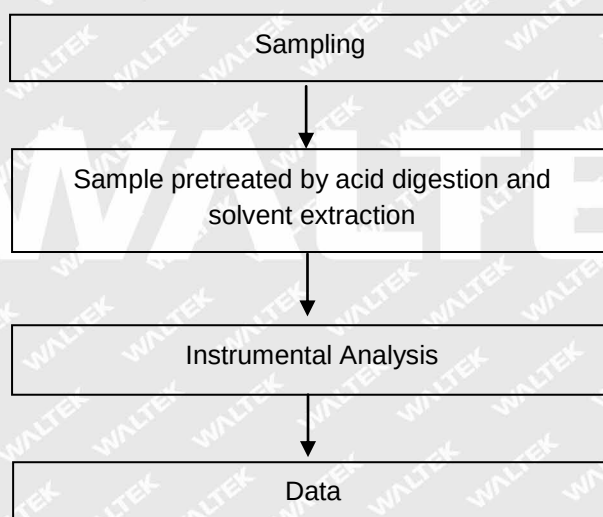


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Remark:

1. In accordance with regulation (EC) No 1907/2006, any 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), if both the following conditions are met:
 - (a) the substance is present in those articles in quantities totalling over one tonne per producer or importer per year;
 - (b) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w).
2. From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (W/W) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.
3. ND=Not detected, Less than Reporting Limit (RL).
4. RL = Reporting Limit (Test data will be shown if it $\geq$ RL. RL is not regulatory limit.)
5. The test results were based on the original state of the test sample.

Measurement Flowchart:





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Appendix

The list of 235 Substances of Very High Concern

Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
1	Anthracene	120-12-7	204-371-1	0.005
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	0.005
3	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.005
4	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	0.005
5	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.005
6	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.005
7	Hexabromocyclododecane (HBCDD)	25637-99-4	247-148-4	0.002
8	Chlorinated Paraffins C10-13(SCCP)	85535-84-8	287-476-5	0.01
9	Cobalt dichloride	7646-79-9	231-589-4	0.01
10	Diarsenic pentoxide	1303-28-2	215-116-9	0.01
11	Diarsenic trioxide	1327-53-3	215-481-4	0.01
12	Sodium dichromate, dihydrate	7789-12-0	234-190-3	0.01
13	Lead hydrogen arsenate	7784-40-9	232-064-2	0.01
14	Triethyl arsenate	15606-95-8	427-700-2	0.01
15	Bis(tributyltin)oxide	56-35-9	200-268-0	0.005
16	Anthracene oil	90640-80-5	292-602-7	0.01
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.01
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	292-275-9	0.01
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.01
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
21	Coal tar pitch, high temperature	65996-93-2	266-028-2	0.01
22	Acrylamide	79-06-1	201-173-7	0.01
23	Aluminosilicate Refractory Ceramic Fibres	--	Index No. 650-017-00-8	0.01
24	Zirconia Aluminosilicate, Refractory Ceramic Fibres	--	Index No. 650-017-00-8	0.01
25	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01
26	Diisobutyl phthalate	84-69-5	201-533-2	0.01
27	Lead chromate	7758-97-6	231-846-0	0.01
28	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.01
29	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.01
30	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	0.01
31	Trichloroethylene	79-01-6	201-167-4	0.01
32	Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4	0.01
33	Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.01
34	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.01
35	Sodium chromate	7775-11-3	231-889-5	0.01
36	Potassium chromate	7789-00-6	232-140-5	0.01
37	Ammonium dichromate	7789-09-5	232-143-1	0.01
38	Potassium dichromate	7778-50-9	231-906-6	0.01
39	Cobalt(II) sulphate	10124-43-3	233-334-2	0.01
40	Cobalt(II) dinitrate	10141-05-6	233-402-1	0.01
41	Cobalt(II) carbonate	513-79-1	208-169-4	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
42	Cobalt(II) diacetate	71-48-7	200-755-8	0.01
43	2-Methoxyethanol	109-86-4	203-713-7	0.005
44	2-Ethoxyethanol	110-80-5	203-804-1	0.005
45	Chromium trioxide	1333-82-0	215-607-8	0.01
46	Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01
47	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01
48	Strontium chromate	7789-06-2	232-142-6	0.01
49	1, 2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.01
50	Hydrazine	7803-57-8 302-01-2	206-114-9	0.01
51	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.01
52	1,2,3-trichloropropane	96-18-4	202-486-1	0.01
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	0.01
54	Calcium arsenate	7778-44-1	231-904-5	0.01
55	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.01
56	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8	0.01
57	Lead dipicrate	6477-64-1	229-335-2	0.01
58	N,N-dimethylacetamide	127-19-5	204-826-4	0.01
59	Arsenic acid	7778-39-4	231-901-9	0.01
60	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.01
61	Trilead diarsenate	3687-31-8	222-979-5	0.01
62	1, 2-Dichloroethane	107-06-2	203-458-1	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
63	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	0.005
64	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	0.01
65	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	0.01
66	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.01
67	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	0.01
68	Phenolphthalein	77-09-8	201-004-7	0.01
69	Dichromium tris(chromate)	24613-89-6	246-356-2	0.01
70	Lead diazide, Lead azide	13424-46-9	236-542-1	0.01
71	Lead styphnate	15245-44-0	239-290-0	0.01
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	2003-977-3	0.01
73	1,2-dimethoxyethane;ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01
74	Diboron trioxide	1303-86-2	215-125-8	0.01
75	Formamide	75-12-7	200-842-0	0.01
76	Lead(II)bis(methanesulfonate)	17570-76-2	401-750-5	0.01
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	2451-62-9	219-514-3	0.01
78	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	423-400-0	0.01
79	4,4'-bis(dimethylamino) benzophenone(Michler's ketone)	90-94-8	202-027-5	0.01
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.01
81	[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	219-943-6	0.01
82	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.01
84	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	0.01
85	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	0.01
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.01
87	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.01
88	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride[2], Hexahydro-1-methylphthalic anhydride[3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.01
89	Cyclohexane-1,2-dicarboxylic anhydride[1], cis-cyclohexane-1,2-dicarboxylic anhydride[2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.01
90	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	0.01
91	Lead bis (tetrafluoroborate)	13814-96-5	237-486-0	0.01
92	Lead dinitrate	10099-74-8	233-245-9	0.01
93	Silicic acid, lead salt	11120-22-2	234-363-3	0.01
94	4-Aminoazobenzene	60-09-3	200-453-6	0.01
95	Lead titanium zirconium oxide	12626-81-2	235-727-4	0.01
96	Lead monoxide (lead oxide)	1317-36-8	215-267-0	0.01
97	o-Toluidine	95-53-4	202-429-0	0.01
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
99	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	0.01
100	Furan	110-00-9	203-727-3	0.01
101	N,N-dimethylformamide	68-12-2	200-679-5	0.01
102	Silicic acid (H ₂ SiO ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	272-271-5	0.01
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	--	--	0.01
104	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	--	--	0.01
105	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.01
106	Diethyl sulphate	64-67-5	200-589-6	0.01
107	Dimethyl sulphate	77-78-1	201-058-1	0.01
108	Lead oxide sulphate	12036-76-9	234-853-7	0.01
109	Lead titanium trioxide	12060-00-3	235-038-9	0.01
110	Acetic acid, lead salt, basic	51404-69-4	257-175-3	0.01
111	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	0.01
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	0.01
113	N-methylacetamide	79-16-3	201-182-6	0.01
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	0.01
115	1,2-Diethoxyethane	629-14-1	211-076-1	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
116	Tetralead trioxide sulphate	12202-17-4	235-380-9	0.01
117	N-pentyl-isopentylphthalate	776297-69-9	--	0.01
118	Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.01
119	Tetraethyllead	78-00-2	201-075-4	0.01
120	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	0.01
121	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.01
122	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.01
123	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.01
124	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.01
125	Methoxyacetic acid	625-45-6	210-894-6	0.01
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.01
127	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.01
128	Trilead dioxide phosphonate	12141-20-7	235-252-2	0.01
129	o-aminoazotoluene	97-56-3	202-591-2	0.01
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.01
131	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.01
132	Orange lead (lead tetroxide)	1314-41-6	215-235-6	0.01
133	Biphenyl-4-ylamine	92-67-1	202-177-1	0.01
134	Diisopentylphthalate	605-50-5	210-088-4	0.01
135	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.01
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
137	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	0.01
138	Lead cyanamidate	20837-86-9	244-073-9	0.01
139	Cadmium	7440-43-9	231-152-8	0.01
140	Cadmium oxide	1306-19-0	215-146-2	0.01
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.01
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.01
143	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.01
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	--	--	0.01
145	Cadmium sulphide	1306-23-6	215-147-8	0.01
146	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	217-710-3	0.01
147	Dihexyl phthalate	84-75-3	201-559-5	0.01
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.01
149	Trixylyl phosphate	25155-23-1	246-677-8	0.01
150	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.01
151	Lead di(acetate)	301-04-2	206-104-4	0.01
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
153	Cadmium chloride	10108-64-2	233-296-7	0.01
154	Sodium perborate; perboric acid, sodium salt	--	239-172-9; 234-390-0	0.01
155	Sodium peroxometaborate	7632-04-4	231-556-4	0.01
156	Cadmium fluoride	7790-79-6	232-222-0	0.01
157	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	0.01
158	2-benzotriazol-2-yl-4, 6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.01
159	2-ethylhexyl 10-ethyl-4, 4-dioctyl-7-oxo-8-oxa-3, 5-dithia-4-stannatetradecanoate(DOTE) DOTE	15571-58-1	239-622-4	0.01
160	2-(2H-benzotriazol-2-yl)-4, 6-ditertpentyphenol (UV-328)	25973-55-1	247-384-8	0.01
161	Reaction mass of 2-ethylhexyl 10-ethyl-4, 4-dioctyl-7-oxo-8-oxa-3, 5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]- 4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecan oate (reaction mass of DOTE and MOTE)	--	--	0.01
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68515-51-5; 68648-93-1	271-094-0; 272-013-1	0.01
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 stereoisomers of [1] and [2] or any combination thereof]	--	--	0.01
164	Nitrobenzene	98-95-3	202-716-0	0.01
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phen ol (UV-327)	3864-99-1	223-383-8	0.01
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.01
167	1,3-propanesultone	1120-71-4	214-317-9	0.01
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7, 8,8,9,9,9-heptafluorononananoic acid and its sodium and ammonium salts)	375-95-1 21049-39-8 4149-60-4	206-801-3	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
169	Benzo[def]chrysene	50-32-8	200-028-5	0.01
170	4, 4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.01
171	4-Heptylphenol, branched and linear	--	--	0.01
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	-- 206-400-3 221-470-5	0.01
173	p-(1, 1-dimethylpropyl)phenol	80-46-6	201-280-9	0.01
174	Perfluorohexane-1-sulphonic acid and its salts	355-46-4	206-587-1	0.01
175	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	13560-89-9; 135821-74-8; 135821-03-3	--	0.01
176	Benz[a]anthracene	56-55-3	200-280-6	0.01
177	Cadmium nitrate	10325-94-7	233-710-6	0.01
178	Cadmium carbonate	513-78-0	208-168-9	0.01
179	Cadmium hydroxide	21041-95-2	244-168-5	0.01
180	Chrysene	218-01-9	205-923-4	0.01
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear]	--	--	0.01
182	Benzo[ghi]perylene	191-24-2	205-883-8	0.01
183	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.01
184	Disodium octaborate	12008-41-2	234-541-0	0.01
185	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.01
186	Ethylenediamine	107-15-3	203-468-6	0.01
187	Lead	7439-92-1	231-100-4	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
188	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.01
189	Terphenyl hydrogenated	61788-32-7	262-967-7	0.01
190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	0.01
191	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.005
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo [2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	239-139-9	0.01
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.01
194	Benzo[k]fluoranthene	207-08-9	205-916-6	0.01
195	Fluoranthene	206-44-0	205-912-4	0.01
196	Phenanthrene	85-01-8	201-581-5	0.01
197	Pyrene	129-00-0	204-927-3	0.01
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	--	0.01
199	2-methoxyethyl acetate	110-49-6	203-772-9	0.01
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	--	--	0.01
201	4-tert-Butylphenol	98-54-4	202-679-0	0.01
202	2-benzyl-2-dimethylamino-4'-morpholinobutyroph enone	119313-12-1	404-360-3	0.01
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopro pan-1-one	71868-10-5	400-600-6	0.01
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.01
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	--	0.01
206	1-vinylimidazole	1072-63-5	214-012-0	0.01
207	2-methylimidazole	693-98-1	211-765-7	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.01
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.01
210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	0.01
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	--	--	0.01
212	1,4-dioxane	123-91-1	204-661-8	0.01
213	2,2-bis(bromomethyl) propane-1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	3296-90-0 36483-57-5 1522-92-5 96-13-9	221-967-7 253-057-0 202-480-9	0.01
214	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	--	--	0.01
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	201-025-1	0.01
216	Glutaral	111-30-8	203-856-5	0.01
217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	--	--	0.01
218	Orthoboric acid, sodium salt	13840-56-7	237-560-2	0.01
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	--	--	0.01
220	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol (DBMC)	119-47-1	204-327-1	0.01
221	tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.01
222	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	--	--	0.01



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Seq.	Substance Name	CAS No.	EC No.	RL (%,w/w)
223	S-(tricyclo[5.2.1.0' ² .2,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	401-850-9	0.01
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.01
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.01
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.01
227	4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.01
228	Barium diboron tetraoxide	13701-59-2	237-222-4	0.01
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	0.01
230	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.01
231	Melamine	108-78-1	203-615-4	0.01
232	Perfluoroheptanoic acid and its salts	-	-	0.01
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl) morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl) morpholine	-	473-390-7	0.01
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	0.01
235	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.01

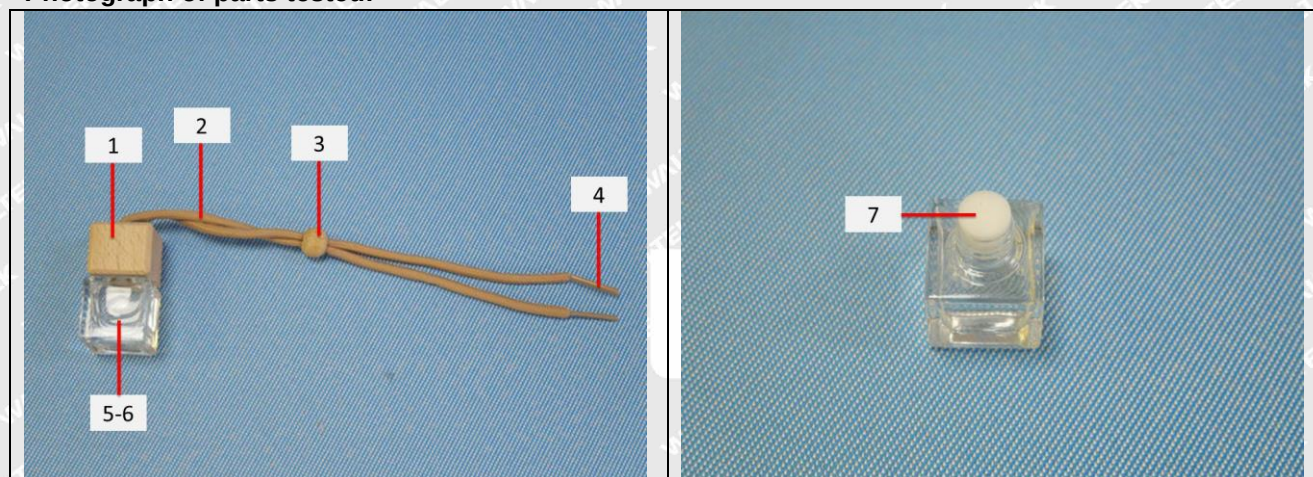


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Description for Specimen:

Specimen No.	Specimen Description
1	Brown wood cover
2	Brown drawstring
3	Brown wood shell
4	Transparent plastic tube
5	Transparent glass shell
6	Transparent liquid
7	White soft plastic stopper

Photograph of parts tested:





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Remarks:

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===== End of Report =====

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