TEST REPORT

Applicant	:	**Haverford Systems, Inc.**
Address	:	**534 Trestle Pl, Downingtown, PA 19335, USA**
Manufacturer	:	**Haverford Systems, Inc.**
Address	:	**534 Trestle Pl, Downingtown, PA 19335, USA**

Report on the submitted samples said to be:

Sample Name	:	FHD PTZ Video Camera
Trade Mark	:	PTZOptics
Tested model	:	PT12X-4K-GY-G3
Series models	:	PT12X-4K-GY-G3, PT12X-4K-WH-G3, PT20X-4K-GY-G3, PT20X-4K-WH-G3, PT12X-LINK-4K-GY, PT12X-LINK-4K-WH, PT20X-LINK-4K-GY, PT20X-LINK-4K-WH, PT12X-4K-GY-G3-TAA, PT12X-4K-WH-G3-TAA, PT20X-4K-GY-G3-TAA, PT20X-4K-WH-G3-TAA, PT12X-LINK-4K-GY-TAA, PT12X-LINK-4K-WH-TAA, PT20X-LINK-4K-GY-TAA, PT20X-LINK-4K-WH-TAA, PT20X-4K-RD-G3, PT20X-4K-RD-G3-TAA
Date of Sample Received	:	March 05, 2026
Testing Period	:	March 05, 2026 ~ March 18, 2026
Results	:	Please refer to next page(s).

****

TEST REQUEST	**CONCLUSION**
As specified by client, SVHC screening is performed according to: Two hundred and fifty-three (253) Substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemical Agency (ECHA) on and before February 04, 2026 published by European Chemical Agency (ECHA) regarding regulation (EC) No.1907/2006 concerning the REACH. According to the specified scope and analytical techniques, concentrations of SVHC(253 SVHC) are less than 0.1%(w/w) in the sample.	**Pass**

****

Signed for and on behalf of AZT

Jack Zhong

Sample Description

Tested components A Non-Metal(Mixed)

B Metal (Mixed)

A.1. SVHC testing results:

No.	Items	CAS No.	EC No.	MDL(%)	Test result(%)	
					A	B
189	Lead	7439-92-1	231-100-4	0.010	N.D.	0.030
--	Other Tested 252 SVHCs in Chemical List	/	/	/	N.D.	N.D.

Note:
- MDL = Method Detection Limit
- mg/kg = milligram per kilogram = ppm
- 0.1%=1000mg/kg
- N.D. = Not Detected or less than MDL
- Tested part(s) was/were specified by client
- Flow chart appendix is included
- Photo appendix is included

A.2. Tested SVHC Chemical list:

No.	Items	CAS No.	EC No.	MDL
The first 15 SVHC (Announced in October, 2008) Unit: %				
1	Anthracene	120-12-7	204-371-1	0.010
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	0.010
3	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.010
4	Di-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	204-211-0	0.010
5	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.010
6	Bis(tributyltin)oxide(TBTO)	56-35-9	200-268-0	0.010
7	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.010
8	Hexabromocyclododecane and all major diastereoisomers identified:(α-HBCDD, β-HBCDD,γ-HBCDD)(HBCDD)	25637-99-4, 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4/ 221-695-9	0.010
9	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	287-476-5	0.010
10*	Lead hydrogen arsenate*	7784-40-9	232-064-2	0.010
11*	Triethyl arsenate*	15606-95-8	427-700-2	0.010
12*	Diarsenic pentaoxide*	1303-28-2	215-116-9	0.010
13*	Diarsenic trioxide*	1327-53-3	215-481-4	0.010
14*	Cobalt dichloride*	7646-79-9	231-589-4	0.010
15*	Sodium dichromate*	7789-12-0, 10588-01-9	234-190-3	0.010

No.	Items	CAS No.	EC No.	MDL
The second 13 SVHC (Announced in January and March,2010) Unit: %				
16	①Anthracene oil	90640-80-5	292-602-7	0.010
17	①Anthracene oil, anthracene paste, distn. Lights****	91995-17-4	295-278-5	0.010
18	①Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.010
19	①Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.010
20	①Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.010
21	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.010
22	2,4-Dinitrotoluene	121-14-2	204-450-0	0.010
23*	②Lead chromate	7758-97-6	231-846-0	0.010
24*	②Lead chromate molybdate sulphate red (C.I. Pigment Red 104) ***	12656-85-8	235-759-9	0.010
25*	②Leadsulfochromate yellow (C.I. Pigment Yellow 34) ***	1344-37-2	215-693-7	0.010
26	①Pitch, coal tar, high temperature	65996-93-2	266-028-2	0.010
27	Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	204-118-5	0.010
28	Acrylamide	79-06-1	201-173-7	0.010
The third 8 SVHC (Announced in June, 2010) Unit: %				
29	Trichloroethylene	79-01-6	201-167-4	0.010
30*	Boric acid*	10043-35-3/ 11113-50-1	233-139-2 234-343-4	0.010
31*	Disodium tetraborate, anhydrous*	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.010
32*	Tetraboron disodium heptoxide, hydrate*	12267-73-1	235-541-3	0.010
33*	Sodium chromate*	7775-11-3	231-889-5	0.010
34*	Potassium chromate*	7789-00-6	232-140-5	0.010
35*	Ammonium dichromate*	7789-09-5	232-143-1	0.010
36*	Potassium dichromate*	7778-50-9	231-906-6	0.010

No.	Items	CAS No.	EC No.	MDL
The fourth 8 SVHC (Announced in December,2010) Unit: %				
37*	Chromium trioxide*	1333-82-0	215-607-8	0.010
38	2-Methoxyethanol	109-86-4	203-713-7	0.010
39	2-Ethoxyethanol	110-80-5	203-804-1	0.010
40*	Cobalt (II) diacetate*	71-48-7	200-755-8	0.010
41*	Cobalt (II) carbonate*	513-79-1	208-169-4	0.010
42*	Cobalt (II) dinitrate*	10141-05-6	233-402-1	0.010
43*	Cobalt (II) sulphate*	10124-43-3	233-334-2	0.010
44*	Acids generated from chromium trioxide* and their oligomers: Chromic acid, Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	0.010
The fifth 7 SVHC (Announced in June, 2011) Unit: %				
45	(2-EEA)2-ethoxyethyl acetate	111-15-9	203-839-2	0.010
46*	strontium chromate*	7789-06-2	232-142-6	0.010
47	①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6	0.010
48	Hydrazine	7803-57-8 302-01-2	206-114-9	0.010
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.010
50	1,2,3-trichloropropane	96-18-4	202-486-1	0.010
51	①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	0.010

No.	Items	CAS No.	EC No.	MDL
The sixth 20 SVHC (Announced in December, 2011) Unit: %				
52*	②Aluminosilicate, Refractory Ceramic Fibers	—	650-017-00-8**	0.010
53*	②Zirconia Aluminosilicate, Refractory Ceramic Fibres	—	650-017-00-8**	0.010
54*	Dichromium tris(chromate) *	24613-89-6	246-356-2	0.010
55*	Potassium hydroxyoctaoxodizincate di-chromate*	11103-86-9	234-329-8	0.010
56*	Pentazinc chromate octahydroxide (C.I. pigment yellow 36) ***	49663-84-5	256-418-0	0.010
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.010
58	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6	0.010
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.010
60	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.010
61	1,2-Dichloroethane	107-06-2	203-458-1	0.010
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.010
63*	Arsenic acid*	7778-39-4	231-901-9	0.010
64*	Calcium arsenate*	7778-44-1	231-904-5	0.010
65*	Trileaddiarsenate*	3687-31-8	222-979-5	0.010
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.010
67	Phenolphthalein	77-09-8	201-004-7	0.010
68	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.010
69*	Lead azide; Lead diazide*	13424-46-9	236-542-1	0.010
70*	Lead styphnate*	15245-44-0	239-290-0	0.010
71*	Lead dipicrate*	6477-64-1	229-335-2	0.010

No.	Items	CAS No.	EC No.	MDL
The seventh 13 SVHC (Announced in June, 2012) Unit: %				
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.010
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.010
74*	Diboron trioxide*	1303-86-2	215-125-8	0.010
75	Formamide	75-12-7	200-842-0	0.010
76*	Lead (II)bis(methanesulfonate)*	17570-76-2	401-750-5	0.010
77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	0.010
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	0.010
79	4,4'-bis(dimethylamino)benzophenone (Michler'sketone)	90-94-8	202-027-5	0.010
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler'sbase)	101-61-1	202-959-2	0.010
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. BasicViolet 3)	548-62-9	208-953-6	0.010
82	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino) phenyl] methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammoniumchloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	0.010
83	α-Bis[4-(dimethylamino) phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.010
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.010

No.	Items	CAS No.	EC No.	MDL
The eighth 54 SVHC (Announced in December, 2012) Unit: %				
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.010
86	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	0.010
87	Tricosafluorododecanoic acid	307-55-1	206-203-2	0.010
88	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	0.010
89	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	0.010
90	①4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated -covering well-defined substances and UVCBsubstances, polymers and homologues	—	—	0.010
91	①4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chainwith a carbon number of 9 covalently bound inposition 4 to phenol, covering also UVCB- andwell-defined substances which include any of theindividual isomers or a combination thereof	—	—	0.010
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.010
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	201-604-9	0.010
94	Hexahydromethylphathalic anhydride, Hexahydro-4-methylphathalicanhydride, Hexahydro-1-methylphathalic anhydride, Hexahydro-3-methylphathalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.010
95	Methoxy acetic acid	625-45-6	210-894-6	0.010
96	1,2-Benzenedicarboxylic acid, dipentylester,branched and linear	84777-06-0	284-032-2	0.010
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	0.010
98	N-pentyl-isopentylphtalate	776297-69-9	—	0.010
99	1,2-Diethoxyethane	629-14-1	211-076-1	0.010
100	N,N-dimethylformamide	68-12-2	200-679-5	0.010
101	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	0.010
102*	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.010
103*	Basic lead carbonate (trileadbis(carbonate)dihydroxide) *	1319-46-6	215-290-6	0.010
104*	*Lead oxide sulfate (basic lead sulfate) *	12036-76-9	234-853-7	0.010
105*	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	69011-06-9	273-688-5	0.010
106*	*Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.010
107*	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	0.010

No.	Items	CAS No.	EC No.	MDL
108*	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.010
109*	Lead cyanamidate*	20837-86-9	244-073-9	0.010
110*	Lead dinitrate*	10099-74-8	233-245-9	0.010
111*	Lead oxide (lead monoxide) *	1317-36-8	215-267-0	0.010
112*	Lead tetroxide (orange lead) *	1314-41-6	215-235-6	0.010
113*	Lead titanium trioxide*	12060-00-3	235-038-9	0.010
114*	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4	0.010
115*	*Pentaleadtetraoxide sulphate*	12065-90-6	235-067-7	0.010
116*	41***Pyrochlore, antimony lead yellow C.I.***	8012-00-8	232-382-1	0.010
117*	②Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5	0.010
118*	Silicic acid, lead salt*	11120-22-2	234-363-3	0.010
119*	*Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.010
120*	Tetraethyllead*	78-00-2	201-075-4	0.010
121*	Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.010
122*	Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.010
123	Furan	110-00-9	203-727-3	0.010
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.010
125	Diethyl sulphate	64-67-5	200-589-6	0.010
126	Dimethyl sulphate	77-78-1	201-058-1	0.010
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidin e	143860-04-2	421-150-7	0.010
128	Dinoseb	88-85-7	201-861-7	0.010
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.010
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.010
131	4-Aminoazobenzene;4-Phenylazoaniline	60-09-3	200-453-6	0.010
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.010
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.010
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.010
135	o-aminoazotoluene	97-56-3	202-591-2	0.010
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.010
137	N-methylacetamide	79-16-3	201-182-6	0.010
138	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	0.010

No.	Items	CAS No.	EC No.	MDL
The ninth 6 SVHC (Announced in June, 2013) Unit: %				
139*	Cadmium	7440-43-9	231-152-8	0.010
140*	Cadmium oxide*	1306-19-0	215-146-2	0.010
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.010
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.010
143	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.010
144	①4-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 combinationsthereof]	—	—	0.010
The tenth 7 SVHC (Announced in December, 2013) Unit: %				
145*	Cadmium sulphide *	1306-23-6	215-147-8	0.010
146	Dihexyl phthalate	84-75-3	201-559-5	0.010
147	②Disodium 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	0.010
148	②Disodium4-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	0.010
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.010
150*	Lead di(acetate) *	301-04-2	206-104-4	0.010
151	Trixylyl phosphate	25155-23-1	246-677-8	0.010

No.	Items	CAS No.	EC No.	MDL
The eleventh 4 SVHC (Announced in June, 2014) Unit: %				
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.010
153*	Cadmium chloride*	10108-64-2	233-296-7	0.010
154*	Sodium perborate; perboric acid, sodium salt*	—	239-172-9, 234-390-0	0.010
155*	Sodium peroxometaborate*	7632-04-4	231-556-4	0.010
The twelfth 6 SVHC (Announced in December, 2014) Unit: %				
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.010
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.010
158*	Cadmium fluoride*	7790-79-6	232-222-0	0.010
159*	Cadmium sulphate*	10124-36-4; 31119-53-6	233-331-6	0.010
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.010
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-stannatetradecanoate (reaction mass of DOTE and MOTE)	—	—	0.010
The thirteenth 2 SVHC (Announced in June, 2015) Unit: %				
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 (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	0.010
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
The fourteenth 5 SVHC (Announced in December, 2015) Unit: %				
164	Nitrobenzene	98-95-3	202-716-0	0.010
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	223-383-8	0.010
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	253-037-1	0.010
167	1,3-propanesultone	1120-71-4	214-317-9	0.010
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.010

No.	Items	CAS No.	EC No.	MDL
The fifteenth 1 SVHC (Announced in June, 2016) Unit: %				
169	Benzo[def]chrysene	50-32-8	200-028-5	0.010
The sixteenth 4 SVHC (Announced in January, 2017) Unit: %				
170	4,4'-isopropylidenediphenol (bisphenol A)(BPA)	80-05-7	201-245-8	0.010
171	4-heptylphenol, branched and linear (4-HPbl)	—	—	0.010
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	0.010
173	4-tert-pentylphenol (PTAP)	80-46-6	201-280-9	0.010
The seventeenth 1 SVHC (Announced in July, 2017) Unit: %				
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	—	—	0.010
The eighteenth 7 SVHC (Announced in January, 2018) Unit: %				
175	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
176	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	0.010
177*	Cadmium nitrate*	10022-68-1, 10325-94-7	233-710-6	0.010
178*	Cadmium carbonate*	513-78-0	208-168-9	0.010
179*	Cadmium hydroxide*	21041-95-2	244-168-5	0.010
180	Chrysene	218-01-9, 1719-03-5	205-923-4	0.010
181	①Reaction 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 (4-HPbl)	—	—	0.010

No.	Items	CAS No.	EC No.	MDL
The nineteenth 10 SVHC (Announced in June, 2018) Unit: %				
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	0.010
183	Benzo[ghi]perylene	191-24-2	205-883-8	0.010
184	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.010
185	Dicyclohexylphthalate(DCHP)	84-61-7	201-545-9	0.010
186*	Disodium octaborate*	12008-41-2	234-541-0	0.010
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.010
188	Ethylenediamine (EDA)	107-15-3	203-468-6	0.010
189*	Lead*	7439-92-1	231-100-4	0.010
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.010
191	Terphenyl, hydrogenated	61788-32-7	262-967-7	0.010
The twentieth 6 SVHC (Announced in January, 2019) Unit: %				
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	239-139-9	0.010
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.010
194	Benzo[k]fluoranthene	207-08-9	205-916-6	0.010
195	Fluoranthene	206-44-0, 93951-69-0	205-912-4	0.010
196	Phenanthrene	85-01-8	201-581-5	0.010
197	Pyrene	129-00-0, 1718-52-1	204-927-3	0.010
The twenty-first 4 SVHC (Announced in July, 2019) Unit: %				
198	4-tert-butylphenol	98-54-4	202-679-0	0.010
199	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	--	--	0.010
200	2-methoxyethyl acetate	110-49-6	203-772-9	0.010
201	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	--	0.010
The twenty- second 4 SVHC (Announced in January 16, 2020) Unit: %				
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.010
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.010
204	Diisohexyl phthalate	71850-09-04	276-090-2	0.010
205	Perfluorobutane sulfonic acid (PFBS) and its salts	/	/	0.010

No.	Items	CAS No.	EC No.	MDL
The twenty- third 4 SVHC (Announced in June 25, 2020) Unit: %				
206	1-vinylimidazole	1072-63-5	214-012-0	0.010
207	2-methylimidazole	693-98-1	211-765-7	0.010
208	Butyl-hydroxybenzoate	94-26-8	202-318-7	0.010
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.010
The twenty-fourth 2 SVHC (Announced in January 19, 2021) Unit: %				
210	Dioctyltin 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	--	--	0.010
211	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	0.010
The twenty-fifth 8 SVHC (Announced in July 08, 2021)Unit: %				
212	1,4-dioxane	123-91-1	204-661-8	0.010
213	2,2-bis(bromomethyl)propane1,3-diol (BMP) 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA) 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0 (BMP); 36483-57-5/ 1522-92-5 (TBNPA); 96-13-9 (2,3-DBPA)	221-967-7 (BMP); 253-057-0 (TBNPA); 202-480-9 (2,3-DBPA)	0.010
214	2 - (4 - tertiary butyl benzyl) acetaldehyde and its stereoisomers	--	--	0.010
215	4,4'-(1-methylpropylidene) bisphenol; (bisphenol B; BPB)	77-40-7	201-025-1	0.010
216	Glutaral (Glutaraldehyde; GA)	111-30-8	203-856-5	0.010
217	Medium Chain Chlorine Paraffin (MCCP) [UVCB substance, consisting of 80% direct chain chloroalkane, carbon chain length between C14 and C17]	--	--	0.010
218*	Orthoboric acid, sodium salt*	13840-56-7	237-560-2	0.010
219	Carbon chain (C12 main, straight or branched chain) mainly in the counteralkyphenolic matter and any single isomer or combination (PDDP)	--	--	0.010

No.	Items	CAS No.	EC No.	MDL
The twenty-sixth 4 SVHC (Announced in January 17, 2022)Unit: %				
220	6,6′-di-tert-butyl-2,2′-methylenedi-p-cresol (DBMC)	119-47-1	204-327-1	0.010
221	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.010
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)	--	--	0.010
223	S-(tricyclo[5.2.1.0'2,6]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	0.010
The twenty-seventh 1 SVHC (Announced in June 10, 2022)Unit: %				
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.010
The twenty-eighth 9 SVHC (Announced in January 17, 2023) Unit: %				
225	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	0.010
226	Perfluoroheptanoic acid and its salts	--	--	0.010
227	Melamine	108-78-1	203-615-4	0.010
228	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.010
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate	--	--	0.010
230*	Barium diboron tetraoxide	13701-59-2	237-222-4	0.010
231	4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.010
232	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.010
233	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.010
The twenty-ninth 2 SVHC (Announced in June 14, 2023) Unit: %				
234	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.010
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	278-355-8	0.010

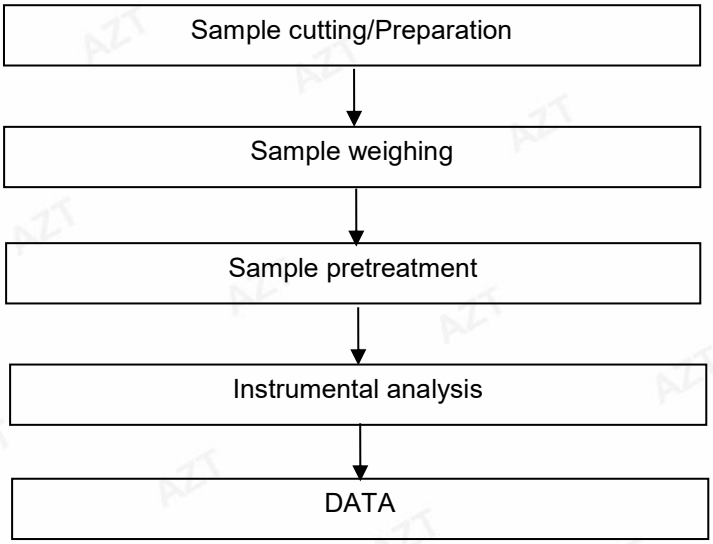
No.	Items	CAS No.	EC No.	MDL
The thirtieth 5SVHC (Announced in January 23, 2024) Unit: %				
236	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	700-960-7	0.010
237	Bumetrizole (UV-326)	3896-11-5	223-445-4	0.010
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.010
239	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethyl butyl)phenol (UV-329)	3147-75-9	221-573-5	0.010
240	2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.010
The thirty-first 1 SVHC (Announced in June 27, 2024) Unit: %				
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	201-279-3	0.010
The thirty-second 1 SVHC (Announced in November 07, 2024) Unit: %				
242	Triphenyl Phosphate	115-86-6	204-112-2	0.010
The thirty-third 5 SVHC (Announced in January 21, 2025) Unit: %				
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	701-118-1	0.010
244	O,O,O-triphenyl phosphorothioate	597-82-0	209-909-9	0.010
245	Octamethyltrisiloxane	107-51-7	203-497-4	0.010
246	Perfluamine	338-83-0	206-420-2	0.010
247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	421-820-9	0.010
The thirty-fourth 3 SVHC (Announced in June 25, 2025) Unit: %				
248	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl) oxy]trisiloxane	17928-28-8	241-867-7	0.010
249	Decamethyltetrasiloxane	141-62-8	205-491-7	0.010
250	tetra(sodium/potassium)7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-({2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2-yl]amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl}diazenyl]-1,3,6-naphthalenetrisulfonate(Reactive Brown 51)	--	466-490-7	0.010
The thirty-fifth 1 SVHC (Announced in November 05, 2025) Unit: %				
251	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene] (DBDPE)	84852-53-9	284-366-9	0.010
The thirty-sixth 2 SVHC (Announced in February 04, 2026) Unit: %				
252	N-hexane	110-54-3	203-777-6	0.010
253	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl) ethylidene] diphenol (BPAF) and its salts	--	--	0.010

Note:
-*: Inorganic SVHC compounds are obtained by converting the test results of cobalt, chloride, sodium, arsenic, chromium, potassium, lead, boron, zirconium, titanium, tin, phosphorus, calcium, zinc, strontium, molybdenum, aluminum and cadmium elements, and confirmed through the appropriate solvent extraction. At the same time, customers are suggested to check the chemical formula table, to further confirm whether above materials are contained.

Appendix:
(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) Concerning article(s):
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 totalling 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).
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.
(3) 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.
(4) 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.

Appendix

Test Flow Chart



The photo of the sample

Main test sample

Main test sample

AZT authenticate the photo on original report only

Declaration: Report No.AZT260305040C-E0 was repealed and replaced by report No.AZT260305040C-E1.

Statement:

1. This test report is invalid without the signature of the approver and the special seal of the company's report.
2. The copy of the test report is invalid if the "Special Seal for Inspection and Testing" or "Special Seal for testing" or the official seal of the testing unit is not re-stamped.
3. After the test report is altered, the test report is invalid.
4. If there is any objection to the test report, please submit written comments to the laboratory within 15 days from the date of receipt of the report.
5. This test is only responsible for samples provided by customers.
6. This report shall not be reproduced in whole or in part without the written authorization of the Company.
7. The laboratory is not responsible for sampling, all samples are provided by customers.
8. The test results in this test report are only related to the samples provided by the customer.
9. If the report is not stamped with the qualification mark, it is only used for scientific research, teaching, internal quality control and other activities, and does not have a proof role for the society.

*** End of Report ***