

REACH TEST REPORT

Applicant : TT TEKNOLOJİ ÜRÜNLERİ A.Ş
Address : MASLAK, BILIM SK. NO:5, SUN PLAZA KAT:22
SARIYER/ISTANBUL/TÜRKİYE

Report on the submitted sample said to be:

Sample name : REMOTE CONTROL PLANES
Model : CX028, CX020, CX022, CX023, CX024, CX029, CX030
Trade Name : CORBY DRONES
Manufacturer : TT TEKNOLOJİ ÜRÜNLERİ A.Ş
Address : MASLAK, BILIM SK. NO:5, SUN PLAZA KAT:22
SARIYER/ISTANBUL/TÜRKİYE
Testing laboratory : Shenzhen Huaxiang Testing Co., Ltd
Address : 1st Floor, Building A1, No. 2082 Jincheng Road, Shajing Street, Bao'an
District, Shenzhen City, Guangdong Province, China
Sample received date : Jul. 25, 2023
Testing period : Jul. 25, 2023- Aug. 01, 2023

Testing Requested:	Results
Based on the list published by European Chemicals Agency (ECHA) public consultation, regarding Regulation (EC) No. 1907/2006 concerning the REACH- 248 Substances of Very High Concern (SVHC)	Pass

Shenzhen Huaxiang Testing Co., Ltd

Kevin Su

Prepared by(Test Engineer):

Amy Jiang

Approved(Manager)

Note:

1. SVHC = Substances of Very High Concern
2. % = percentage by weight
3. N.D. = Not Detected (<Report Limit)
4. RL = Report Limit = 0.020%
5. ** According to the 5.2.1 item of the second version of ECHA “Guidance on requirements for substances in articles” , 2011, the selected test methods only show the existence of certain elements rather than the existence of substances, using additional measurements to screen for the existence and identification of substances in a sample when necessary.
6. Report Results: based on measurements in most cases will identify the chemical constituents in the sample but not necessarily “the substance” which were originally used to produce the article, professional consults, products information, testing processes, features of materials, characteristics of the SVHC and chemical analysis etc to obtain the assessments results according to the 5.2 item of the second version of ECHA “Guidance on requirements for substances in articles” , 2011.
7. Report Limit: Be obtained from the uncertainty, the 0.1 % threshold and the ECHA “Guidance on requirements for substances in articles” .
8. In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify the European Chemicals Agency(ECHA), In accordance with Article 59(1) of the Regulation if:
-the substance is present in those articles in quantities totaling over one ton per producer or importer per year;
-the substance is present in those articles above a concentration of 0.1% weight by weight(w/w).
9. 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 (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.

Test Method:

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.

Sample Description:

Specimen No.	Description
001	REMOTE CONTROL PLANES

Report Results:

Batch	No.	Substance Name	CAS No.	RL (%)	Result
I	1	4,4'-Diaminodiphenylmethane(MDA)	101-77-9	0.050	ND
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.050	ND
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.050	ND
I	4	Anthracene	120-12-7	0.050	ND
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.050	ND
I	6	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.050	ND
I	7	Bis(tributyltin)oxide (TBTO)	56-35-9	0.050	ND
I	8	Cobalt dichloride*	7646-79-9	0.005	ND
I	9	Diarsenic pentaoxide*	1303-28-2	0.005	ND
I	10	Diarsenic trioxide*	1327-53-3	0.005	ND
I	11	Dibutyl phthalate (DBP)	84-74-2	0.050	ND
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) Δ	25637-99-4, 3194-55-6	0.050	ND
I	13	Lead hydrogen arsenate*	7784-40-9	0.005	ND
I	14	Sodium dichromate*	7789-12-0, 10588-01-9	0.005	ND
I	15	Triethyl arsenate*	15606-95-8	0.005	ND
II	16	2,4-Dinitrotoluene	121-14-2	0.050	ND
II	17	Acrylamide Ortho benzene Lead Cadmium	79-06-1 85-68-7 7439-92-1 7440-43-9	0.050	ND
II	18	Anthracene oil*	90640-80-5	0.050	ND
II	19	Anthracene oil, anthracene paste*	90640-81-6	0.050	ND
II	20	Anthracene oil, anthracene paste, anthracene fraction*	91995-15-2	0.050	ND
II	21	Anthracene oil, anthracene paste, distn. Lights*	91995-17-4	0.050	ND
II	22	Anthracene oil, anthracene-low*	90640-82-7	0.050	ND
II	23	Diisobutyl phthalate	84-69-5	0.050	ND
II	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	0.005	ND
II	25	Lead chromate*	7758-97-6	0.005	ND
II	26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
II	27	Pitch, coal tar, high temp.*	65996-93-2	0.050	ND
II	28	Tris(2-chloroethyl)phosphate	115-96-8	0.050	ND
III	29	Ammonium dichromate*	7789-09-5	0.005	ND
III	30	Boric acid*	10043-35-3, 11113-50-1	0.005	ND
III	31	Disodium tetraborate, anhydrous*	1303-96-4, 1330-43-4, 12179-04-3	0.005	ND
III	32	Potassium chromate*	7789-00-6	0.005	ND
III	33	Potassium dichromate*	7778-50-9	0.005	ND
III	34	Sodium chromate*	7775-11-3	0.005	ND
III	35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.005	ND
III	36	Trichloroethylene	79-01-6	0.050	ND
IV	37	2-Ethoxyethanol	110-80-5	0.050	ND
IV	38	2-Methoxyethanol	109-86-4	0.050	ND
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	7738-94-5,- 13530-68-2	0.005	ND
IV	40	Chromium trioxide*	1333-82-0	0.005	ND
IV	41	Cobalt(II) carbonate*	513-79-1	0.005	ND
IV	42	Cobalt(II) diacetate*	71-48-7	0.005	ND
IV	43	Cobalt(II) dinitrate*	10141-05-6	0.005	ND
IV	44	Cobalt(II) sulphate*	10124-43-3	0.005	ND
V	45	1,2,3-trichloropropane	96-18-4	0.050	ND
V	46	1,2-Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich	71888-89-6	0.050	ND
V	47	1,2-Benzenedicarboxylic acid, di-C7- 11-branched and linear alkyl esters	68515-42-4	0.050	ND
V	48	1-methyl-2-pyrrolidone	872-50-4	0.050	ND
V	49	2-ethoxyethyl acetate	111-15-9	0.050	ND
V	50	Hydrazine	7803-57-8, 302-01-2	0.050	ND
V	51	strontium chromate*	7789-06-2	0.005	ND
VI	52	1,2-Dichloroethane	107-06-2	0.050	ND
VI	53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.050	ND
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	0.050	ND
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.050	ND
VI	56	Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)	0.005	ND
VI	57	Arsenic acid*	7778-39-4	0.005	ND
VI	58	Bis(2-methoxyethyl) ether	111-96-6	0.050	ND
VI	59	Bis(2-methoxyethyl) phthalate	117-82-8	0.050	ND
VI	60	Calcium arsenate*	7778-44-1	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
VI	61	Dichromium tris(chromate)*	24613-89-6	0.005	ND
VI	62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.050	ND
VI	63	Lead diazide, Lead azide*	13424-46-9	0.005	ND
VI	64	Lead dipicrate*	6477-64-1	0.005	ND
VI	65	Lead styphnate*	15245-44-0	0.005	ND
VI	66	N,N-dimethylacetamide	127-19-5	0.050	ND
VI	67	Pentazinc chromate octahydroxide*	49663-84-5	0.005	ND
VI	68	Phenolphthalein	77-09-8	0.050	ND
VI	69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.005	ND
VI	70	Trilead diarsenate*	3687-31-8	0.005	ND
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	650-017-00-8 (Index no.)	0.005	ND
VII	72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. BasicBlue 26)§	2580-56-5	0.050	ND
VII	73	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) §	548-62-9	0.050	ND
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.050	ND
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.050	ND
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	0.050	ND
VII	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§	561-41-1	0.050	ND
VII	78	Diboron trioxide*	1303-86-2	0.005	ND
VII	79	Formamide	75-12-7	0.050	ND
VII	80	Lead(II) bis(methanesulfonate)*	17570-76-2	0.005	ND
VII	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.050	ND
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	0.050	ND
VII	83	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.050	ND
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	0.050	ND
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.005	ND
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.050	ND
VIII	87	1,2-Diethoxyethane	629-14-1	0.050	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
VIII	88	1-Bromopropane	106-94-5	0.050	ND
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.050	ND
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.050	ND
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	0.050	ND
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	0.050	ND
VIII	93	4-Aminoazobenzene	60-09-3	0.050	ND
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	0.050	ND
VIII	95	4-Nonylphenol, branched and linear	-	0.050	ND
VIII	96	6-Methoxy-m-toluidine	120-71-8	0.050	ND
VIII	97	Acetic acid, lead salt, basic*	51404-69-4	0.005	ND
VIII	98	Biphenyl-4-ylamine	92-67-1	0.050	ND
VIII	99	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	0.050	ND
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	0.050	ND
VIII	101	Diazene-1,2-dicarboxamide (C,C'- azodi(formamide))	123-77-3	0.050	ND
VIII	102	Dibutyltin dichloride (DBTC)	683-18-1	0.050	ND
VIII	103	Diethyl sulphate	64-67-5	0.050	ND
VIII	104	Diisopentylphthalate	605-50-5	0.050	ND
VIII	105	Dimethyl sulphate	77-78-1	0.050	ND
VIII	106	Dinoseb	88-85-7	0.050	ND
VIII	107	Dioxobis(stearato)trilead*	12578-12-0	0.005	ND
VIII	108	Fatty acids, C16-18, lead salts*	91031-62-8	0.005	ND
VIII	109	Furan	110-00-9	0.050	ND
VIII	110	Henicosaflluoroundecanoic acid	2058-94-8	0.050	ND
VIII	111	Heptacosaflluorotetradecanoic acid	376-06-7	0.050	ND
VIII	112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1- methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	-	0.050	ND
VIII	113	Lead bis(tetrafluoroborate)*	13814-96-5	0.005	ND
VIII	114	Lead cyanamidate*	20837-86-9	0.005	ND
VIII	115	Lead dinitrate*	10099-74-8	0.005	ND
VIII	116	Lead monoxide*	1317-36-8	0.005	ND
VIII	117	Lead oxide sulfate*	12036-76-9	0.005	ND
VIII	118	Lead tetroxide (orange lead)*	1314-41-6	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
VIII	119	Lead titanium trioxide*	12060-00-3	0.005	ND
VIII	120	Lead titanium zirconium oxide*	12626-81-2	0.005	ND
VIII	121	Methoxyacetic acid	625-45-6	0.050	ND
VIII	122	Methyloxirane (Propylene oxide)	75-56-9	0.050	ND
VIII	123	N,N-Dimethylformamide	68-12-2	0.050	ND
VIII	124	N-Methylacetamide	79-16-3	0.050	ND
VIII	125	N-Pentyl-isopentylphthalate	776297-69-9	0.050	ND
VIII	126	o-Aminoazotoluene	97-56-3	0.050	ND
VIII	127	o-Toluidine	95-53-4	0.050	ND
VIII	128	Pentacosafuorotridecanoic acid	72629-94-8	0.050	ND
VIII	129	Pentalead tetraoxide sulphate*	12065-90-6	0.005	ND
VIII	130	Pyrochlore, antimony lead yellow*	8012-00-8	0.005	ND
VIII	131	Silicic acid, barium salt, lead-doped*	68784-75-8	0.005	ND
VIII	132	Silicic acid, lead salt*	11120-22-2	0.005	ND
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.005	ND
VIII	134	Tetraethyllead*	78-00-2	0.005	ND
VIII	135	Tetralead trioxide sulphate*	12202-17-4	0.005	ND
VIII	136	Tricosafuorododecanoic acid	307-55-1	0.050	ND
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.005	ND
VIII	138	Trilead dioxide phosphonate*	12141-20-7	0.005	ND
IX	139	4-Nonylphenol, branched and linear, ethoxylated	-	0.050	ND
IX	140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.050	ND
IX	141	Cadmium oxide*	1306-19-0	0.005	ND
IX	142	Cadmium*	7440-43-9	0.005	ND
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.050	ND
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.050	ND
X	145	Cadmium sulphide*	1306-23-6	0.005	ND
X	146	Dihexyl phthalate	84-75-3	0.050	ND
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	0.050	ND
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	0.050	ND
X	149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.050	ND
X	150	Lead di(acetate)*	301-04-2	0.005	ND
X	151	Trixylyl phosphate	25155-23-1	0.050	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.050	ND
XI	153	Cadmium chloride*	10108-64-2	0.005	ND
XI	154	Sodium perborate; perboric acid, sodium salt*	-	0.005	ND
XI	155	Sodium peroxometaborate*	7632-04-4	0.005	ND
XII	156	2-(2H-benzotriazol-2-yl)-4, 6- ditertpentylphenol (UV-328)	25973-55-1	0.050	ND
XII	157	2-benzotriazol-2-yl-4,6-di-tert- butylphenol (UV-320)	3846-71-7	0.050	ND
XII	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	0.050	ND
XII	159	Cadmium fluoride*	7790-79-6	0.005	ND
XII	160	Cadmium sulphate*	10124-36-4, 31119-53-6	0.005	ND
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-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE & MOTE)	-	0.050	ND
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	0.050	ND
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]	-	0.050	ND
XIV	164	1,3-propanesultone	1120-71-4	0.050	ND
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	0.050	ND
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.050	ND
XIV	167	Nitrobenzene	98-95	0.050	ND
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-121049 -39-84149-60-4	0.050	ND
XV	169	BENZO[A]PYRENE	50-32-8	0.050	ND
XVI	170	Bisphenol A	80-05-7	0.050	ND
XVI	171	4-heptylphenol, branched and linear(4-HPbl)	-	0.050	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	0.050	ND
XVI	173	4-tert-pentylphenol(PTAP)	80-46-6	0.050	ND
XVII	174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	0.050	ND
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]	-	-	ND
XVIII	176	Benz[a]anthracene	56-55-3	0.050	ND
XVIII	177	cadmium nitrate	10325-94-7	0.050	ND
XVIII	178	cadmium salt	513-78-0	0.050	ND
XVIII	179	Cadmium hydroxide	21041-95-2	0.050	ND
XVIII	180	Chrysene	218-01-9	0.050	ND
XVIII	181	Branching and linear reactants of 1,3,4thiazolidine-2, 5 disulfide, formaldehyde and 4-heptophenol	-	0.050	ND
XIX	182	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.050	ND
XIX	183	Decamethylcyclopentasiloxane (D5)	541-02-6	0.050	ND
XIX	184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.050	ND
XIX	185	Lead	7439-92-1	0.050	ND
XIX	186	Disodium octaborate	12008-41-2	0.050	ND
XIX	187	Benzo[ghi]perylene	191-24-2	0.050	ND
XIX	188	Terphenyl, hydrogenated	61788-32-7	0.050	ND
XIX	189	Ethylenediamine (EDA)	107-15-3	0.050	ND
XIX	190	Benzene-1, 2, 4-tricarboxylic acid 1, 2 anhydride (trimellitic anhydride; TMA)	552-30-7	0.050	ND
XIX	191	Dicyclohexyl phthalate (DCHP)	84-61-7	0.050	ND
XX	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.01	ND
XX	193	Benzo[k]fluoranthene	207-08-9	0.01	ND
XX	194	Fluoranthene	206-44-0; 93951-69-0	0.01	ND
XX	195	Phenanthrene	85-01-8	0.01	ND
XX	196	Pyrene	129-00-0; 1718-52-1	0.01	ND
XX	197	1,7,7-trimethyl-3-(phenylm ethylene) bicyclo[2.2.1] hept an-2-one	15087-24-8	0.01	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
XXI	198	2,2,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides(covvering any of their individual isomers and combinations thereof)	-	0.01	ND
XXI	199	2-methoxyethyl acetate	203-772-9	0.01	ND
XXI	200	4-tert-butylphenol	202-679-0	0.01	ND
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) wih≥ w/w of 4-nonylphenol, branched and linear(4-NP)	-	0.01	ND
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.005	ND
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.005	ND
XXII	204	Diisohexyl phthalate	71850-09-4	0.005	ND
XXII	205	Perfluorobutane sulfonic acid(PFBS) and its salts	-	0.005	ND
XXIII	206	1-vinylimidazole	1072-63-5	0.005	ND
XXIII	207	2-methylimidazole	693-98-1	0.005	ND
XXIII	208	Butyl 4- hydroxybenzoate	94-26-8	0.005	ND
XXIII	209	Dibutylbis(Pentane-2, 4-dionato-O,O') tin△	22673-19-4	0.005	ND
XXIV	210	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	0.005	ND
XXIV	211	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	-	0.005	ND
XXV	212	1,4 - Dioxane	123-91-1	0.005	ND
XXV	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 36483-57-5/1 522-92-5 96-13-9	0.005	ND
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.005	ND
XXV	215	4,4'-(1-methylpropylidene) bisphenol (bisp henol B)	77-40-7	0.005	ND
XXV	216	Glutaral	111-30-8	0.005	ND
XXV	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]	-	0.005	ND

Batch	No.	Substance Name	CAS No.	RL (%)	Result
XXV	218	Orthoboric acid, sodium salt	13840-56-7	0.005	ND
XXV	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)	-	0.005	ND
XXV	220	(±)-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)	-	0.005	ND
XXV	221	6,6'-di-tert-butyl-2,2'-methylenedip-cresol (DBMC)	119-47-1	0.005	ND
XXV	222	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	0.005	ND
XXV	223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.005	ND
XXV	224	N-(hydroxymethyl)acrylamide	924-42-5	0.005	ND
XXVIII	225	Melamine	108-78-1	0.05	ND
XXVIII	226	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] (BTBPE)	37853-59-1	0.05	ND
XXVIII	227	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBP-A)	79-94-7	0.005	ND
XXVIII	228	4,4'-sulphonyldiphenol (BPS)	80-09-1	0.05	ND
XXVIII	229	Barium diboron tetraoxide	13701-59-2	0.05	ND
XXVIII	230	Bis(2-ethylhexyl) Tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	-	0.005	ND
XXVIII	231	Isobutyl 4-hydroxybenzoate	4247-02-3	0.005	ND
XXVIII	232	Perfluoroheptanoic acid (PFHpA) and its salts	-	0.05	ND
XXVIII	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	-	0.05	ND
XXVIII	234	Bis(4-chlorophenyl) sulphone	80-07-9	0.01	ND
XXVIII	235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.01	ND
XXVIII	236	2, 4, 6-tri-tert-butylphenol	732-26-3	0.01	ND
XXVIII	237	2-(2H-benzotriazol-2-yl)-4-(1, 1, 3, 3-tetramethylbutyl)phenol(UV-329)	3147-75-9	0.01	ND

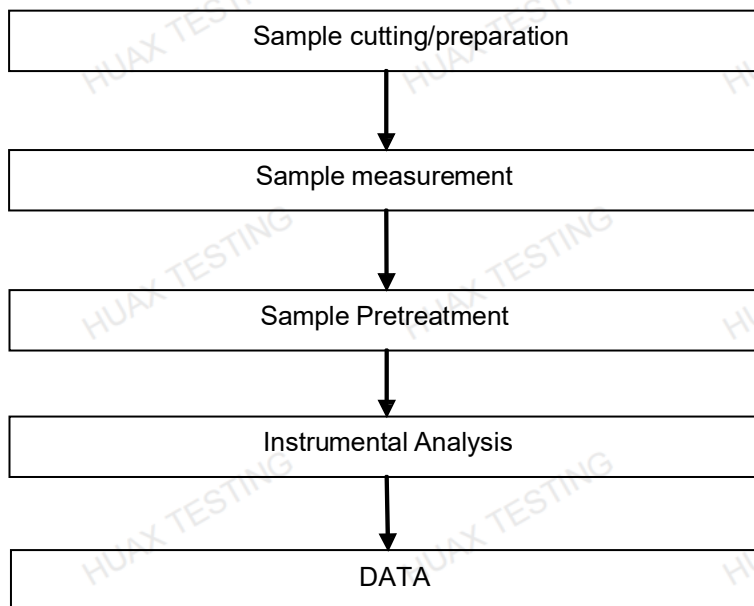
Batch	No.	Substance Name	CAS No.	RL (%)	Result
XXVIII	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	0.01	ND
XXVIII	239	Bumetrizole(UV-326)	3896-11-5	0.01	ND
XXVIII	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	0.01	ND
XXIXII	241	Bis(a,a-dimethylbenzyl)peroxide	80-43-3	0.005	ND
XXIXIII	242	Triphenyl phosphate	115-86-6	0.005	ND
XXIXIII	243	Octamethyltrisifoxane	107-51-7	0.100	ND
XXIXIII	244	0,0,0-triphenyl phosphorothioate	597-82-0	0.100	ND
XXIXIII	245	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	0.100	ND
XXIXIII	246	Perfluamine	338-3-0	0.100	ND
XXIXIII	247	Tris(4-nonylphenyl, branched and linear) phosphite	-	0.100	ND
XXIXIII	248	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl] hexanoic acid	2156592-54-8	0.100	ND



Notes:

1. RL = Reporting Limit. All RL are based on homogenous material. ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
2. *The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario.
3. RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium and barium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)).
4. ▲ On Jun 18, 2012, ECHA consolidated two entries of aluminosilicate refractory ceramic fibres and two of zirconia aluminosilicate refractory ceramic fibres in the Candidate List of SVHC for authorization published in Jan 2010 and Dec 2011 into one entry for aluminosilicate refractory ceramic fibres and one for zirconia aluminosilicate refractory ceramic fibres.
5. Calculated concentration of boric compounds are based on the total 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) $\geq 0.1\%$ (w/w).
9. The result(s) shown is/are of the total weight of wet sample.

SVHC Testing Flow Chart



PHOTOGRAPH OF SAMPLE:



Photo 1

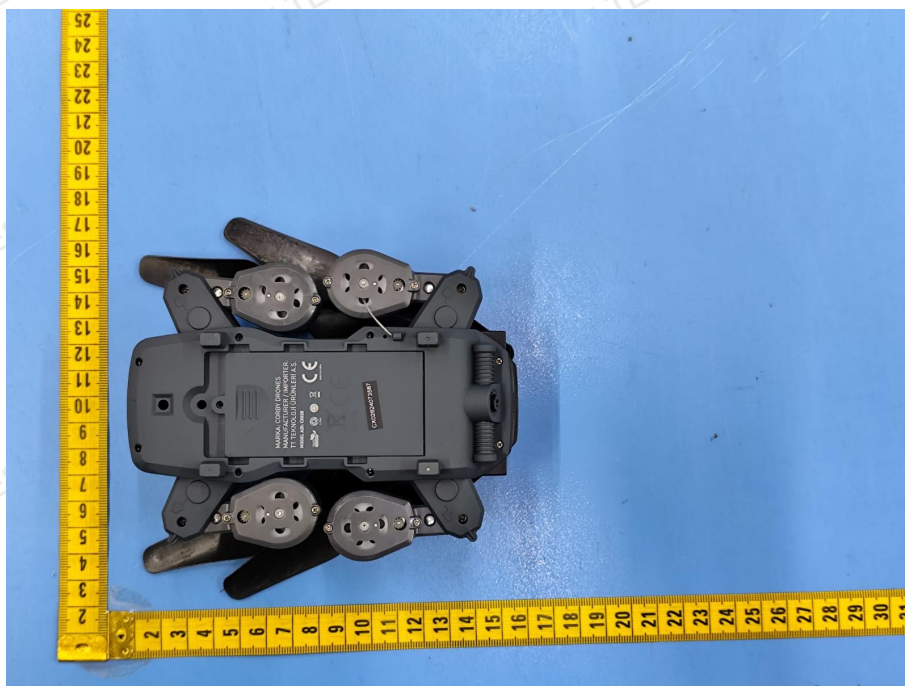


Photo 2

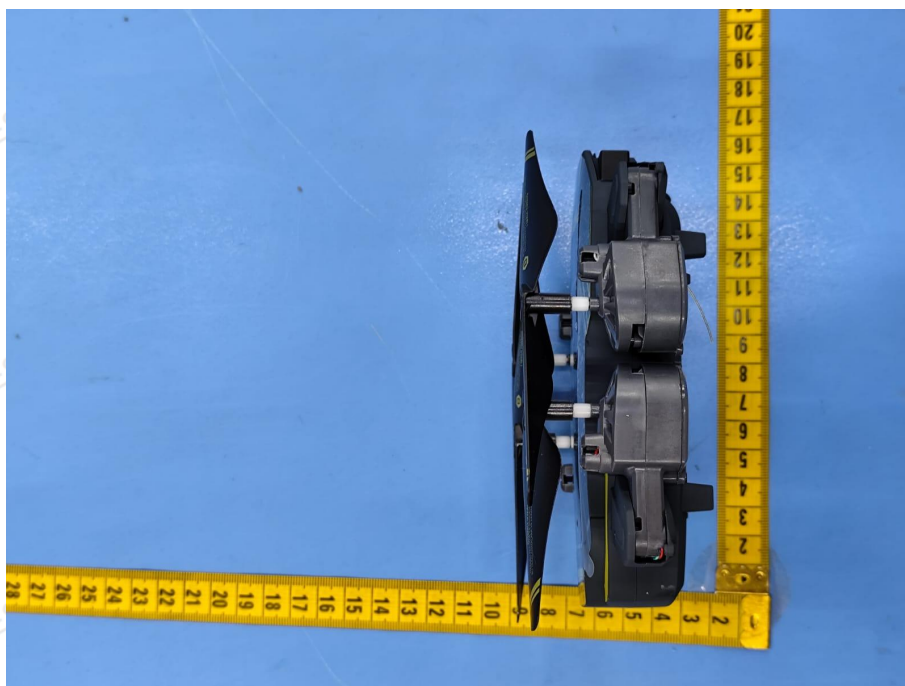


Photo 3

*****END OF REPORT*****