TEST REPORT

(SVHC-173)

Sample Name: Jetblue HD1

Model: HD1

Applicant Name:Shanghai Zelian Science and Technology Co., LTD.

Service Agency: EBTest Technology Service (Shanghai) Co., Ltd.

TEST SPECIFICATION:

As specified by applicant, based on the list published by European chemicals agency (ECHA) on Oct.28,2008, Jan.13,2010, Mar.30,2010, Jun.18,2010, Dec.15,2010, Jun.20,2011, Dec.19,2011, Jun.18,2012, Dec.28, 2012 and 2013, 2014, 2015, 2016 for public consultation regarding regulation (EC) concerning the REACH, to determine the 173 Substances of Very High Concern (SVHC) content in the submitted sample. For details refer to next page(s).

APPLICANT IDENTIFICATION:

APPLICANT: Shanghai Zelian Science and Technology Co., LTD.
ADDRESS: No.1188, Huyi Highway, Jiading District, Shangha, China

SAMPLE DESCRIPTION:

SAMPLE NAME: Jetblue HD1
SAMPLE DESCRPTION: Shell part/Refer to sample photo.
TEST PERIOD: 2017.03.20 — 2017.03.27
ISSUED DATE: 2017.03.28 (Valid for one year)

TEST METHOD(S):

No.	Testing Item	Testing Method and Instrument	Testing Limit (%)	Substance Classification
1	Anthracene	Refer to US EPA 3550C:2007&US EPA 8270D:2007，GC-MS	0.005	PBT
2	4,4'-Diaminodiphenylmethane	Refer to US EPA 8270D:2007，GC-MS	0.005	Carcinogen, cat. 2
3	Dibutyl phthalate(DBP)	Refer to ASTM D3421:1975，GC-MS	0.005	Toxic for reproduction, cat.2
4	Benzyl butyl phthalate (BBP)	Refer to ASTM D 3421:1975，GC-MS	0.005	Toxic for reproduction, cat.2
5	Musk xylene	Refer to US EPA 3540C:1996，GC-MS	0.005	vPvB
6	Bis (2-ethyl(hexyl)phthalate) (DEHP)	Refer to ASTM D3421:1975，GC-MS	0.005	Toxic for reproduction, cat.2
7	Hexabromocyclododecane (HBCDD)	Refer to US EPA 3540C:1996，GC-MS	0.005	PBT
8	Short Chain Chlorinated Paraffins (SCCPs)	Refer to US EPA 3540C:1996，GC-MS	0.01	PBT; vPvB
9	Bis(tributyltin)oxide (TBTO)	Refer to US EPA 3052:1996/DIN 38407:2003，ICP-OES/GC-MS	0.005	PBT
10	Cobalt dichloride	Refer to US EPA 3052:1996/ BS EN14582:2007，ICP-OES/IC	0.01	Carcinogen, cat.2

11	Diarsenic pentaoxide	Refer to US EPA 3052:1996，ICP-OES	0.01	Carcinogen, cat.1
12	Diarsenic trioxide	Refer to US EPA 3052:1996，ICP-OES	0.01	Carcinogen, cat.1
13	Sodium dichromate	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES/UV-Vis	0.01	Carcinogen, cat.2; Mutagen, cat.2; Toxic for reproduction, cat.2
14	Lead hydrogen arsenate	Refer to US EPA 3052:1996，ICP-OES	0.01	Carcinogen, cat.1; Toxic for reproduction, cat.1
15	Triethyl arsenate	Refer to US EPA 3052:1996，ICP-OES	0.01	Carcinogen, cat.1
16	Anthracene oil	In-house method ,GC-MS	0.05	PBT
17	Anthracene oil, anthracene paste, distn. Lights	In-house method，GC-MS	0.05	PBT
18	Anthracene oil, anthracene paste, anthracene fraction	In-house method，GC-MS	0.05	PBT
19	Anthracene oil, anthracene-low	In-house method，GC-MS	0.05	PBT
20	Anthracene oil, anthracene paste	In-house method，GC-MS	0.05	PBT
21	Coal tar pitch, high temperature	In-house method，GC-MS	0.05	PBT; Carcinogen, cat.2
22	Aluminiosilicate, Refractory Ceramic Fibres	In-house method，ICP-OES/SEM-EDS	0.05	Carcinogen, cat.2
23	Zirconia Aluminosilicate, Refractory Ceramic Fibres	In-house method，ICP-OES/SEM-EDS	0.05	Carcinogen, cat.2
24	2,4-Dinitrotoluene	In-house method，GC-MS	0.01	Carcinogen, cat.2
25	Diisobutyl phthalate (DIBP)	Refer to ASTM D3421:1975，GC-MS	0.005	Toxic for reproduction, cat.2
26	Lead chromate	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES/UV-Vis	0.05	Carcinogen, cat.2; Toxic for reproduction, cat.1
27	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES/UV-Vis	0.05	Carcinogen, cat.2; Toxic for reproduction, cat.1
28	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES/UV-Vis	0.05	Carcinogen, cat.2; Toxic for reproduction, cat.1
29	Tris(2-chloroethyl)phosphate (TCEP)	In-house method，GC MS	0.01	Toxic for reproduction, cat.2
30	Acrylamide	In-house method，GC-MS	0.005	Carcinogen, cat.2;

				Toxic for reproduction, cat.1
31	Trichloroethylene	In-house method，GCMS	0.005	C2
32	Boric acid	In-house method，ICP OES	0.005	R2
33	Disodium terraborate, anhydrous	In-house method，ICP OES	0.005	R2
34	Tetraboron disodium heptaoxide, hydrate	In-house method，ICP OES	0.005	R2
35	Sodium chromate	In-house method，ICP OES	0.005	Carcinogen, cat.2
36	Potassium chromate	In-house method，ICP-OES	0.005	Carcinogen, cat.2
37	Ammonium dichromate	In-house method，ICP OES	0.005	Carcinogen, cat.2
38	Potassium dichromate	In-house method，ICP OES	0.005	Carcinogen, cat.2
39	Sulfuric acid,cobalt(2+) salt (1:1)	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES	0.01	Carcinogen, Toxic for reproduction
40	cobaltous nitrate	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES	0.01	Carcinogen, Toxic for reproduction
41	Cobaltous carbonate	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES	0.01	Carcinogen, Toxic for reproduction
42	Cobaltous acetate	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES	0.01	Carcinogen, Toxic for reproduction
43	Ethanol, 2-methoxy-,calcium salt (2:1);	Refer to US EPA 3550C: 2007/GC-MS	0.005	Toxic for reproduction
44	2-(2-methoxyethoxy)ethanol	Refer to US EPA 3550C: 2007/GC-MS	0.005	Toxic for reproduction
45	Chromium trioxide	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES	0.01	Carcinogen,genic mutation
46	Chromic acid Dichromic acid	Refer to US EPA 3052:1996/US EPA 3060A:1996，ICP-OES	0.005	Carcinogen
47	Ethylene glycol monoethyl ether acetate(CAC), Cellusolve acetate	In-house method, ICP OES, etc.*	0.005	Carcinogen
48	strontium chromate	In-house method, ICP OES, etc.*	0.005	Carcinogen
49	1,2-Benzenedicarboxylic acid,di-(C7-11)-branched and linear alkyl esters	In-house method, ICP OES, etc.*	0.005	Carcinogen
50	Hydrazine;Hydrazine base;Diamine;Hydrazine anhydrous	In-house method, ICP OES, etc.*	0.005	Carcinogen
51	1-Methyl-2-pyrrolidinone	In-house method, ICP OES, etc.*	0.005	Carcinogen
52	1,2,3-trichloropropane	In-house method, ICP OES, etc.*	0.005	Carcinogen
53	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters	In-house method, ICP OES, etc.*	0.005	Carcinogen
54	Lead dipicrate	Refer to US EPA 3052:1996, ICP-OES	0.005	Toxic for reproduction

55	Lead styphnate	Refer to US EPA 3052:1996, ICP-OES	0.005	Toxic for reproduction
56	Lead azide Lead diazide	Refer to US EPA 3052:1996, ICP-OES	0.005	Toxic for reproduction
57	Phenolphthalein	Refer to US-EPA 3550C:2007,GC-MS	0.005	Carcinogen
58	2,2'-dichloro-4,4'-methylenedianiline	Refer to US-EPA 3550C:2007,GC-MS	0.005	Carcinogen
59	N,N-dimethylacetamide (DMAC)	Refer to US-EPA 3550C:2007,GC-MS	0.005	Toxic for reproduction
60	Trilead diarsenate	Refer to US EPA 3052:1996, ICP	0.005	Carcinogen, Toxic for reproduction
61	Calcium arsenate	Refer to US EPA 3052:1996, ICP	0.005	Carcinogen
62	Arsenic acid	Refer to US EPA 3052:1996, ICP	0.005	Carcinogen
63	203-924-4 111-96-6	Refer to US-EPA 3550C:2007,GC-MS	0.005	Toxic for reproduction
64	1,2-Dichloroethane	Refer to US EPA 5021:1996；Headspace-GC/MS	0.005	Carcinogen
65	4-(1,1,3,3-tetramethylbutyl)phenol,(4-tert-Octylphenol)	Refer to US-EPA 3550C:2007,GC-MS	0.005	Equal level of attention
66	2-Methoxyaniline;o-Anisidine	Refer to US-EPA 3550C:2007,GC-MS	0.005	Carcinogen
67	Bis(2-methoxyethyl) phthalate	Refer to EN1437004，GC-MS	0.005	Toxic for reproduction
68	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	Refer to US-EPA 3550C:2007,GC-MS	0.005	Carcinogen
69	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	Refer to US EPA 3052:1996/ US EPA 3060A:1996, ICP-OES/UV-Vis	0.005	Carcinogen
70	Aluminosilicate Refractory Ceramic Fibres (RCF)	Refer to US EPA 3052:1996/ US EPA 3060A:1996, ICP-OES/UV-Vis	0.005	Carcinogen
71	Pentazinc chromate octahydroxide	Refer to US EPA 3052:1996/ US EPA 3060A:1996, ICP-OES/UV-Vis	0.005	Carcinogen
72	Potassium hydroxyoctaoxodizincatedi-chromate	Refer to US EPA 3052:1996/ US EPA 3060A:1996, ICP-OES/UV-Vis	0.005	Carcinogen
73	Dichromium tris(chromate)	Refer to US EPA 3052:1996/ US EPA 3060A:1996, ICP-OES/UV-Vis	0.005	Carcinogen
74	Diboron trioxide	In-house method, ICP OES, etc.*	0.005	R2
75	Formamide	In-house method, ICP OES, etc.*	0.005	R2
76	Lead（II） bis （methanesulfonate）	In-house method, ICP OES, etc.*	0.005	R2
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	In-house method, ICP OES, etc.*	0.005	M2

78	β -TGIC(1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine -2,4,6-(1H,3H,5H)-trione)	In-house method, ICP OES, etc.*	0.005	M2
79	4,4'-bis(dimethylamino) benzopenone(Michler's ketone)	In-house method, ICP OES, etc.*	0.01	C2
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline(Michler's base)	In-house method, ICP OES, etc.*	0.005	C2
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	In-house method, ICP OES, etc.*	0.005	C2
82	[4-[[4-anilin0-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride	In-house method, ICP OES, etc.*	0.005	C2
83	a,a-Bis[4-(dimethylamino) phenyl]-4(phenylamino)naphthalene -1-methanol	In-house method, ICP OES, etc.*	0.005	C2
84	4,4'-bis(dimethylamino)-4"-(methylamino) tritylalcohol	In-house method, ICP OES, etc.*	0.005	C2
85	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	In-house method, ICP OES, etc.*	0.01	CMR
86	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	In-house method, ICP OES, etc.*	0.01	Carcinogen
87	N-methylacetamide	In-house method, ICP OES, etc.*	0.01	CMR
88	Pentalead tetraoxide sulphate	In-house method, ICP OES, etc.*	0.01	CMR
89	Biphenyl-4-ylamine	In-house method, ICP OES, etc.*	0.01	Carcinogen
90	Dinoseb	In-house method, ICP OES, etc.*	0.01	CMR
91	Dioxobis(stearato)trilead	In-house method, ICP OES, etc.*	0.01	CMR
92	Lead dinitrate	In-house method, ICP OES, etc.*	0.01	CMR
93	Tetralead trioxide sulphate	In-house method, ICP OES, etc.*	0.01	CMR
94	Lead oxide (lead monoxide)	In-house method, ICP OES, etc.*	0.01	CMR
95	Lead titanium trioxide	In-house method, ICP OES, etc.*	0.01	CMR
96	4,4'-methylenedi-o-toluidine	In-house method, ICP OES, etc.*	0.01	Carcinogen
97	Acetic acid, lead salt, basic	In-house method, ICP OES, etc.*	0.01	CMR
98	Dimethyl sulphate	In-house method, ICP OES, etc.*	0.01	Carcinogen
99	Furan	In-house method, ICP OES, etc.*	0.01	Carcinogen
100	Pyrochlore, antimony lead yellow	In-house method, ICP OES, etc.*	0.01	CMR
101	Tetraethyllead	In-house method, ICP OES, etc.*	0.01	CMR
102	[Phthalato(2-)]dioxotrilead	In-house method, ICP OES, etc.*	0.01	CMR
103	Diethyl sulphate	In-house method, ICP OES, etc.*	0.01	Carcinogen、genic

				mutation
104	Lead cynamidate	In-house method, ICP OES, etc.*	0.01	CMR
105	Silicic acid, barium salt, lead-doped	In-house method, ICP OES, etc.*	0.01	CMR
106	Trilead dioxide phosphonate	In-house method, ICP OES, etc.*	0.01	CMR
107	o-Toluidine; 2-Aminotoluene	In-house method, ICP OES, etc.*	0.01	Carcinogen
108	o-aminoazotoluene	In-house method, ICP OES, etc.*	0.01	Carcinogen
109	4-Aminoazobenzene; 4-Phenylazoaniline	In-house method, ICP OES, etc.*	0.01	Carcinogen
110	6-methoxy-m-toluidine (p-cresidine)	In-house method, ICP OES, etc.*	0.01	Carcinogen
111	Dibutyltin dichloride (DBT)	In-house method, ICP OES, etc.*	0.01	CMR
112	Lead Titanium Zirconium Oxide	In-house method, ICP OES, etc.*	0.01	CMR
113	Propylene oxide; 1,2-epoxypropane; methyloxirane	In-house method, ICP OES, etc.*	0.01	Carcinogen、genic mutation
114	1-bromopropane	In-house method, ICP OES, etc.*	0.01	CMR
115	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	In-house method, ICP OES, etc.*	0.01	CMR
116	Fatty acids, C16-18, lead salts C16-18	In-house method, ICP OES, etc.*	0.01	CMR
117	Lead tetroxide (orange lead)	In-house method, ICP OES, etc.*	0.01	CMR
118	Sulfurous acid, lead salt, dibasic	In-house method, ICP OES, etc.*	0.01	CMR
119	4,4'-oxydianiline and its salts	In-house method, ICP OES, etc.*	0.01	Carcinogen、genic mutation
120	lead oxide sulphate	In-house method, ICP OES, etc.*	0.01	CMR
121	Lead bis(tetrafluoroborate)	In-house method, ICP OES, etc.*	0.01	CMR
122	Silicic acid, lead salt	In-house method, ICP OES, etc.*	0.01	CMR
123	Bis(pentabromophenyl) ether (DecaBDE)	In-house method, ICP OES, etc.*	0.01	PBT1、vPvB2
124	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	In-house method, ICP OES, etc.*	0.01	EQC3
125	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	In-house method, ICP OES, etc.*	0.01	EQC
126	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	In-house method, ICP OES, etc.*	0.01	EQC

127	1,2-Diethoxyethane	In-house method, ICP OES, etc.*	0.01	CMR
128	Hexahydromethylphathalic anhydride、Hexahydro-4-methylphathalic anhydride、Hexahydro-1-methylphathalic anhydride、Hexahydro-3-methylphathalic anhydride	In-house method, ICP OES, etc.*	0.01	EQC
129	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	In-house method, ICP OES, etc.*	0.01	EQC
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	In-house method, ICP OES, etc.*	0.01	CMR
131	N-pentyl-isopentylphtalate	In-house method, ICP OES, etc.*	0.01	CMR
132	Heptacosafluorotetradecanoic acid	In-house method, ICP OES, etc.*	0.01	vPvB
133	Pentacosafluorotridecanoic acid	In-house method, ICP OES, etc.*	0.01	vPvB
134	Henicosafluoroundecanoic acid	In-house method, ICP OES, etc.*	0.01	vPvB
135	Tricosafluorododecanoic acid	In-house method, ICP OES, etc.*	0.01	vPvB
136	Methoxy acetic acid	In-house method, ICP OES, etc.*	0.01	CMR、EQC
137	Diisopentylphthalate	In-house method, ICP OES, etc.*	0.01	CMR
138	N,N-dimethylformamide; Dimethyl formamide	In-house method, ICP OES, etc.*	0.01	CMR
139	Cadmium	In-house method, ICP OES, etc.*	0.01	Carcinogenic; Equivalent level of concern having probable serious effects to human health
140	Ammonium pentadecafluorooctanoate APFO	In-house method, ICP OES, etc.*	0.01	CMR PBT
141	Pentadecafluorooctanoic acid PFOA	In-house method, ICP OES, etc.*	0.01	CMR PBT
142	Dipentyl phthalate DPP	In-house method, ICP OES, etc.*	0.01	CMR PBT
143	4-Nonylphenol, branched and linear, ethoxylated	In-house method, ICP OES, etc.*	0.01	Equivalent level of concern having probable serious effects to the environment
144	Cadmium oxide	In-house method, ICP OES, etc.*	0.01	Carcinogenic; Equivalent level of

				concern having probable serious effects to human health
145	Cadmium sulphide	In-house method, ICP OES, etc.*	0.005	——
146	DnHP Dihexyl phthalate	In-house method, ICP OES, etc.*	0.005	——
147	3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bi Dyes for viscose, cotton, linen, silk ands(4-aminonaphthalene-1-sulphon ate)(C.I. Direct Red 28)	In-house method, ICP OES, etc.*	0.005	——
148	C.I. Direct Black 38	In-house method, ICP OES, etc.*	0.005	——
149	Imidazolidine-2-thione; Accelerators for rubber synthetic.2-imidazoline-2-thiol	In-house method, ICP OES, etc.*	0.005	——
150	Lead Di(acetate)	In-house method, ICP OES, etc.*	0.005	——
151	Trixylyl phosphate	In-house method, ICP OES, etc.*	0.005	——
152	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	In-house method, ICP OES, etc.*	0.005	——
153	Sodium perborate; perboric acid, sodium salt	In-house method, ICP OES, etc.*	0.005	——
154	Sodium peroxometaborate	In-house method, ICP OES, etc.*	0.005	——
155	Cadmiun chloride	In-house method, ICP OES, etc.*	0.005	——
156	Cadmium fluoride	In-house method, ICP OES, etc.*	0.01	Carcinogenic，Mutagenic，Toxic for reproduction
157	Cadmium sulphate	In-house method, ICP OES, etc.*	0.01	Carcinogenic，Mutagenic，Toxic for reproduction
158	Ultraviolet light absorber UV-320	In-house method, ICP OES, etc.*	0.01	PBT，vPvB
159	Ultraviolet light absorber UV-328	In-house method, ICP OES, etc.*	0.01	PBT，vPvB
160	Stabilizer DOTE	In-house method, ICP OES, etc.*	0.01	Toxic for reproduction
161	DOTE and MOTE reaction product	In-house method, ICP OES, etc.*	0.01	Toxic for reproduction
162	Phthalate (C6 - C10) alkyl ester	In-house method, ICP OES, etc.*	0.01	Toxic for reproduction
163	Karanal，2-(2,4-DIMETHYLCYCLOHEX-3-ENE-1-YL)-5-METHYL-5-(1-METHYLPROPYL)-1,3-DIOXANE	In-house method, ICP OES, etc.*	0.01	vPvB
164	1,3-propanesultone	In-house method, ICP OES, etc.*	0.01	Carcinogenic

165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	In-house method, ICP OES, etc.*	0.01	vPvB
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	In-house method, ICP OES, etc.*	0.01	vPvB
167	Nitrobenzene	In-house method, ICP OES, etc.*	0.01	Toxic for reproduction，PBT
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	In-house method, ICP OES, etc.*	0.01	Toxic for reproduction，PBT
169	Benzo [a] Pyrene	In-house method, ICP OES, etc.*	0.01	Toxic for reproduction，Carcinogenic，vPvB
170	4,4'-Isopropylidenediphenol (Bisphenol A)	In-house method, ICP OES, etc.*	0.01	——
171	Nonadec afluorodec anoic acid （PFDA）and its sodium and ammonium salts	In-house method, ICP OES, etc.*	0.01	——
172	4-heptylphenol,branched and linear(4-HPbl)	In-house method, ICP OES, etc.*	0.01	——
173	4-tert-pentylphenol（PTAP）	In-house method, ICP OES, etc.*	0.01	——

TEST RESULT(S):

No.	Testing Item	CAS No.	EC No.	Result (%)
1	Anthracene	120-12-7	204-371-1	N.D.
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	N.D.
3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	N.D.
4	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	N.D.
5	Musk xylene	81-15-2	201-329-4	N.D.
6	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	N.D.
7	Hexabromocyclododecane (HBCDD)	25637-99-4	247-148-4	N.D.
8	Short Chain Chlorinated Paraffins (SCCPs)	85535-84-8	287-476-5	N.D.
9	Bis(tributyltin)oxide	56-35-9	200-268-0	N.D.

	(TBTO)			
10	Cobalt dichloride	7646-79-9	231-589-4	N.D.
11	Diarsenic pentaoxide	1303-28-2	215-116-9	N.D.
12	Diarsenic trioxide	1327-53-3	215-481-4	N.D.
13	Sodium dichromate	7789-12-0	234-190-3	N.D.
14	Lead hydrogen arsenate	7784-40-9	232-064-2	N.D.
15	Triethyl arsenate	15606-95-8	427-700-2	N.D.
16	Anthracene oil	90640-80-5	292-602-7	N.D.
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	N.D.
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	N.D.
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	N.D.
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	N.D.
21	Coal tar pitch, high temperature	65996-93-2	266-028-2	N.D.
22	Aluminiosilicate, Refractory Ceramic Fibres	——	650-017-00-8	N.D.
23	Zirconia Aluminosilicate, Refractory Ceramic Fibres	——	650-017-00-8	N.D.
24	2,4-Dinitrotoluene	121-14-2	204-450-0	N.D.
25	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	N.D.
26	Lead chromate	7758-97-6	231-846-0	N.D.
27	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	N.D.
28	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	N.D.
29	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	204-118-5	N.D.
30	Acrylamide	79-06-1	201-173-7	N.D.
31	Trichloroethylene	79-01-6	201-167-4	N.D.
32	Boric acid	10043-35-3; 11113-50-1	233-139-2; 234-343-4	N.D.
33	Disodium terraborate, anhydrous	1330-43-4; 12179-04-3; 1303-96-4	215-540-4	N.D.

34	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	N.D.
35	Sodium chromate	7775-11-3	231-889-5	N.D.
36	Potassium chromate	7789-00-6	232-140-5	N.D.
37	Ammonium dichromate	7789-09-5	232-143-1	N.D.
38	Potassium dichromate	7778-50-9	231-906-6	N.D.
39	Sulfuric acid,cobalt(2+) salt (1:1)	10124-43-3	233-334-2	N.D.
40	cobaltous nitrate	10141-05-6	233-402-1	N.D.
41	Cobaltous carbonate	513-79-1	208-169-4	N.D.
42	Cobaltous acetate	71-48-7	200-755-8	N.D.
43	Ethanol, 2-methoxy-,calcium salt (2:1);	109-86-4	203-713-7	N.D.
44	2-(2-methoxyethoxy)ethanol	110-80-5	203-804-1	N.D.
45	Chromium trioxide	1333-82-0	215-607-8	N.D.
46	Chromic acid Dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	N.D.
47	Ethylene glycol monoethyl ether acetate(CAC), Cellusolve acetate	111-15-9	203-839-2	N.D.
48	strontium chromate	7789-06-2	232-142-6	N.D.
49	1,2-Benzenedicarboxylic acid,di-(C7-11)-branched and linear alkyl esters	68515-42-4	271-084-6	N.D.
50	Hydrazine;Hydrazine base;Diamine;Hydrazine anhydrous	7803-57-8 302-01-2	206-114-9	N.D.
51	1-Methyl-2-pyrrolidinone	872-50-4	212-828-1	N.D.
52	1,2,3-trichloropropane	96-18-4	202-486-1	N.D.
53	1,2-Benzenedicarboxylic acid, di-(C7-11)-branched and linear alkyl esters	71888-89-6	276-158-1	N.D.
54	Lead dipicrate	6477-64-1	229-335-2	N.D.
55	Lead styphnate	15245-44-0	239-290-0	N.D.
56	Lead azide Lead diazide	13424-46-9	236-542-1	N.D.
57	Phenolphthalein	77-09-8	201-004-7	N.D.
58	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	N.D.
59	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	N.D.
60	Trilead diarsenate	3687-31-8	222-979-5	N.D.
61	Calcium arsenate	7778-44-1	231-904-5	N.D.
62	Arsenic acid	7778-39-4	231-901-9	N.D.
63	203-924-4 111-96-6	111-96-6	203-924-4	N.D.
64	1,2-Dichloroethane	107-06-2	203-458-1	N.D.
65	4-(1,1,3,3-tetramethylbutyl)phenol,(4-	140-66-9	205-426-2	N.D.

	tert-Octylphenol)			
66	2-Methoxyaniline;o-Anisidine	90-04-0	201-963-1	N.D.
67	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	N.D.
68	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	N.D.
69	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	——	——	N.D.
70	Aluminosilicate Refractory Ceramic Fibres (RCF)	——	——	N.D.
71	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	N.D.
72	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	234-329-8	N.D.
73	Dichromium tris(chromate)	24613-89-6	246-356-2	N.D.
74	Diboron trioxide	1303-86-2	215-125-8	N.D.
75	Formamide	75-12-7	200-842-0	N.D.
76	Lead（II） bis （methanesulfonate）	17570-76-2	401-750-5	N.D.
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	N.D.
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	N.D.
79	4,4’-bis(dimethylamino) benzopenone(Michler’s ketone)	90-94-8	202-027-5	N.D.
80	N,N,N’,N’-tetramethyl-4,4’-methylenedianiline(Michler’s base)	101-61-1	202-959	N.D.
81	[4-[4,4’-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	548-62-9	208-953-6	N.D.
82	[4-[[4-anilin0-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride	2580-56-5	219-943-6	N.D.
83	a,a-Bis[4-(dimethylamino) phenyl]-4(phenylamino)naphthalene-1-methanol	6786-83-0	229-851-8	N.D.
84	4,4’-bis(dimethylamino)-4”-(methylamino) tritylalcohol	561-41-1	209-218-2	N.D.
85	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	N.D.

86	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	N.D.
87	N-methylacetamide	79-16-3	201-182-6	N.D.
88	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	N.D.
89	Biphenyl-4-ylamine	92-67-1	202-177-1	N.D.
90	Dinoseb	88-85-7	201-861-7	N.D.
91	Dioxobis(stearato)trilead	12578-12-0	235-702-8	N.D.
92	Lead dinitrate	10099-74-8	233-245-9	N.D.
93	Tetralead trioxide sulphate	12202-17-4	235-380-9	N.D.
94	Lead oxide (lead monoxide)	1317-36-8	215-267-0	N.D.
95	Lead titanium trioxide	12060-00-3	235-038-9	N.D.
96	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	N.D.
97	Acetic acid, lead salt, basic	51404-69-4	257-175-3	N.D.
98	Dimethyl sulphate	77-78-1	201-058-1	N.D.
99	Furan	110-00-9	203-727-3	N.D.
100	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	N.D.
101	Tetraethyllead	78-00-2	201-075-4	N.D.
102	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	N.D.
103	Diethyl sulphate	64-67-5	200-589-6	N.D.
104	Lead cynamidate	20837-86-9	244-073-9	N.D.
105	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	N.D.
106	Trilead dioxide phosphonate	12141-20-7	235-252-2	N.D.
107	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	N.D.
108	o-aminoazotoluene	97-56-3	202-591-2	N.D.
109	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-03	200-453-6	N.D.
110	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	N.D.
111	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	N.D.
112	Lead Titanium Zirconium Oxide	12626-81-2	235-727-4	N.D.
113	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	N.D.
114	1-bromopropane	106-94-5	203-445-0	N.D.
115	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	215-290-6	N.D.
116	Fatty acids, C16-18, lead salts C16-18	91031-62-8	292-966-7	N.D.
117	Lead tetroxide (orange lead)	1314-41-6	215-235-6	N.D.
118	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	N.D.
119	4,4'-oxydianiline and its salts	101-80-4	202-977-0	N.D.
120	lead oxide sulphate	12036-76-9	234-853-7	N.D.
121	Lead bis(tetrafluoroborate)	13814-96-6	237-486-0	N.D.
122	Silicic acid, lead salt	11120-22-2	234-363-3	N.D.

123	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	N.D.
124	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	——	——	N.D.
125	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	N.D.
126	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	——	——	N.D.
127	1,2-Diethoxyethane	629-14-1	211-076-1	N.D.
128	Hexahydromethylphathalic anhydride、Hexahydro-4-methylphathalic anhydride、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	N.D.
129	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7	201-604-9	N.D.
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	N.D.
131	N-pentyl-isopentylphtalate	——	——	N.D.
132	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	N.D.
133	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	N.D.
134	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	N.D.
135	Tricosafluorododecanoic acid	307-55-1	206-203-2	N.D.
136	Methoxy acetic acid	625-45-6	210-894-6	N.D.
137	Diisopentylphthalate	605-50-5	210-088-4	N.D.
138	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	N.D.
139	Cadmium	7440-43-9	231-152-8	N.D.
140	Ammonium pentadecafluorooctanoate	3825-26-1	223-320-4	N.D.

	APFO			
141	Pentadecafluorooctanoic acid PFOA	33-67-1	206-397-9	N.D.
142	Dipentyl phthalate（DPP）	131-18-0	205-017-9	N.D.
143	4-Nonylphenol, branched and linear, ethoxylated	——	——	N.D.
144	Cadmium oxide	1306-19-0	215-146-2	N.D.
145	Cadmium sulphide	1306-23-6	215-147-8	N.D.
146	DnHP Dihexyl phthalate	84-75-3	201-559-5	N.D.
147	3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bi Dyes for viscose, cotton, linen, silk ands(4-aminonaphthalene-1-sulphonate)(C.I. Direct Red 28)	573-58-0	209-358-4	N.D.
148	C.I. Direct Black 38	1937-37-7	217-710-3	N.D.
149	Imidazolidine-2-thione; Accelerators for rubber synthetic.2-imidazoline-2-thiol	96-45-7	202-506-9	N.D.
150	Lead Di(acetate)	301-04-2	206-104-4	N.D.
151	Trixylyl phosphate	25155-23-1	246-677-8	N.D.
152	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	68518-50-4	271-093-5	N.D.
153	Sodium perborate; perboric acid, sodium salt	——	239-172-9; 234-390-0	N.D.
154	Sodium peroxometaborate	7632-04-4	231-556-4	N.D.
155	Cadmiun chloride	10108-64-2	233-296-7	N.D.
156	Cadmium fluoride	7790-79-6	232-222-0	N.D.
157	Cadmium sulphate	10124-36-4	233-331-6	N.D.
158	Ultraviolet light absorber UV-320	3846-71-7	223-346-6	N.D.
159	Ultraviolet light absorber UV-328	25973-55-1	247-384-8	N.D.
160	Stabilizer DOTE	15571-58-1	239-622-4	N.D.
161	DOTE and MOTE reaction product	——	——	N.D.
162	Phthalate (C6 - C10) alkyl ester	68515-51-5; 68648-93-1	271-094-0; 272-013-1	N.D.
163	Karanal，2-(2,4-DIMETHYLCYCLOHEX-3-ENE-1-YL)-5-METHYL-5-(1-METHYLPROPYL)-1,3-DIOXANE	117933-89-8	413-720-9	N.D.
164	1,3-propanesultone	1120-71-4	214-317-9	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol	3864-99-1	223-383-8	N.D.

166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol	36437-37-3	253-037-1	N.D.
167	Nitrobenzene	98-95-3	202-716-0	N.D.
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	206-801-3	375-95-1; 21049-39-8;4149-60-4	N.D.
169	Benzo [a] Pyrene	50-32-8	200-028-5	N.D.
170	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7	201-245-8	N.D.
171	Nonadec afluorodec anoic acid （PFDA）and its sodium and ammonium salts	3108-42-7; 335-76-2; 3830-45-3	—— 206-400-3；221-470-5	N.D.
172	4-heptylphenol,branched and linear(4-HPbl)	——	——	N.D.
173	4-tert-pentylphenol（PTAP）	98-54-4	202-679-0	N.D.

REMARK(S):

mg/kg = PARTS PER MILLION；N.D.=NOT DETECTED or <MDL；N.A.=NOT APPLICABLE.
<In-house method, ICP OES, etc.*> : ICP-OES;GC-MS;LC;LC-MS;Boiling water extraction (metal) ;Alkaline digestion (non-metal);UV-VIS;IC.
1) THE APPLICANT HAS AGREED THE SERVICE PROVIDED BY THE AGENCY, THE REPORT RELATES TO THE SAMPLE(S) SUPPLIED BY THE APPLICANT.
2) THIS TEST REPORT IS NOT PERMITTED TO BE DUPLICATED EXCEPT IN FULL.(THE TEST RESULT IS ONLY FOR TECHNICAL REFERENCE, NOT AS SOCIAL FAIRNESS CONCLUSION)

CONCLUSION(S):

Base on the performed tests on submitted sample(s), the results comply with the REACH Directive and its subsequent amendments.

SAMPLE PHOTO(S):

********** END **********