CCIC (Shenzhen) Environmental Service Co., Ltd.
Floor 2, Minlida Industrial Park, Honghualing Industrial Zone, Nanshan District, Shenzhen, Guangdong, China

Test Report

Applicant	:	**Arduino S.r.l.**
Address	:	**Via Andrea Appiani, 25** **20900 MONZA (Italy)**
Manufacturer	:	**Arduino S.r.l.**
Address	:	**Via Andrea Appiani, 25** **20900 MONZA (Italy)**
Sample Name	:	**Arduino MKR IoT Carrier**
Sample Model	:	**ABX00047**
Sample Brand	:	**Arduino**
Received Date	:	**May 10, 2021**
Testing Period	:	**May 10, 2021 ~ May 17, 2021**
Test Requested	:	**As requested by client, SVHC screening is performed according to:** **two hundred and eleven (211) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before January 19, 2021 Regarding Regulation (EC) No 1907/2006 concerning the REACH.** **Eight (8) substances in the Candidate List of Substances of Very High Concern (SVHC) for consultation on March 9, 2021.**
Test Method	:	**Please refer to next page.**
Test Results	:	**Please refer to next page(s).**
Conclusion	:	**According to the specified scope and analytical technique in this report, two hundred and eleven (211) Substances of Very High Concern (SVHC) concentrations were less than 0.1% (m/m) in the submitted sample.**

CCIC (Shenzhen) Environmental Service Co., Ltd.

Completed by:	**Reviewed by:**	**Approved by:**
Qiumei. Chen	Andy. Zhou	Renyou. Yang
Qiumei.Chen	**Andy.Zhou**	**Renyou.Yang**

Test Results:

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
1	Cobalt dichloride #	7646-79-9	231-589-4	ND	0.01
2	Diarsenic pentaoxide; #	1303-28-2	215-116-9	ND	0.005
3	Diarsenic trioxide #	1327-53-3	215-481-4	ND	0.005
4	Lead hydrogen arsenate #	7784-40-9	232-064-2	ND	0.005
5	Triethyl arsenate #	15606-95-8	427-700-2	ND	0.005
6	Sodium dichromate, dihydrate #	7789-12-0	234-190-3	ND	0.005
7	Bis (tributyltin) oxide (TBTO) #	56-35-9	200-268-0	ND	0.005
8	Anthracene	120-12-7	204-371-1	ND	0.005
9	4,4-diaminodiphenylmethane (MDA)	101-77-9	202-974-4	ND	0.005
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	25637-99-4 3194-55-6	247-148-4 221-695-9	ND	0.01
	α - HBCDD	134237-50-6	—		
	β - HBCDD	134237-51-7	—		
	γ - HBCDD	134237-52-8	—		
11	5-tert-butyl-2,4,6-trinitro-mxylene (musk xylene)	81-15-2	201-329-4	ND	0.01
12	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	ND	0.01
13	Dibutyl phthalate (DBP)	84-74-2	201-557-4	ND	0.005
14	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	ND	0.005
15	Short chain chlorinated paraffins (C10-13)	85535-84-8	287-476-5	ND	0.005
16	Anthracene oil	90640-80-5	292-602-7	ND	0.01
17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	ND	0.01

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
18	Anthracene oil, anthracene paste, Anthracene fraction	91995-15-2	295-275-9	ND	0.01
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	ND	0.01
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	ND	0.01
21	Pitch, coal tar, high temp.	65996-93-2	266-028-2	ND	0.01
22	2,4-Dinitrotoluene	121-14-2	204-450-0	ND	0.01
23	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	ND	0.01
24	Lead chromate #	7758-97-6	231-846-0	ND	0.01
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) #	12656-85-8	235-759-9	ND	0.01
26	Lead sulfochromate yellow (C.I.Pigment Yellow 34) #	1344-37-2	215-693-7	ND	0.01
27	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	ND	0.01
28	Acrylamide	79-06-1	201-173-7	ND	0.01
29	Trichloroethylene	79-01-6	201-167-4	ND	0.01
30	Boric acid #	10043-35-3 11113-50-1	233-139-2 234-343-4	ND	0.01
31	Disodium tetraborate, anhydrous #	1303-96-4 1330-43-4 12179-04-3	215-540-4	ND	0.01
32	Tetraboron disodium heptaoxide, hydrate #	12267-73-1	235-541-3	ND	0.01
33	Sodium chromate #	7775-11-3	231-889-5	ND	0.01
34	Potassium chromate #	7789-00-6	232-140-5	ND	0.01
35	Ammonium dichromate #	7789-09-5	232-143-1	ND	0.01
36	Potassium dichromate #	7778-50-9	231-906-6	ND	0.01
37	Cobalt (II) sulphate #	10124-43-3	233-334-2	ND	0.01

No.	Substance name		CAS No.	EC No.	Results (%)	MDL(%)
38	Cobalt (II) dinitrate #		10141-05-6	233-402-1	ND	0.01
39	Cobalt (II) carbonate #		513-79-1	208-169-4	ND	0.01
40	Cobalt (II) diacetate #		71-48-7	200-755-8	ND	0.01
41	2-Methoxyethanol		109-86-4	203-713-7	ND	0.01
42	2-Ethoxyethanol		110-80-5	203-804-1	ND	0.01
43	Chromium trioxide #		1333-82-0	215-607-8	ND	0.01
44	Acids generated from chromium trioxide and their oligomers	Chromic acid #	7738-94-5	231-801-5	ND	0.01
		Dichromic acid #	13530-68-2	236-881-5	ND	
		Oligomers of chromic acid and dichromic acid #	—	—	ND	
45	2-ethoxyethyl acetate		111-15-9	203-839-2	ND	0.01
46	Strontium chromate #		7789-6-2	232-142-6	ND	0.01
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters		68515-42-4	271-084-6	ND	0.01
48	Hydrazine		7803-57-8 302-01-2	206-114-9	ND	0.01
49	1-methyl-2-pyrrolidone		872-50-4	212-828-1	ND	0.01
50	1,2,3-trichloropropane		96-18-4	202-486-1	ND	0.01
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich		71888-89-6	276-158-1	ND	0.01
52	Dichromium tris (chromate) #		24613-89-6	246-356-2	ND	0.01
53	Potassium hydroxyoctaoxodizincatedi-chromate #		11103-86-9	234-329-8	ND	0.01
54	Pentazinc chromate octahydroxide #		49663-84-5	256-418-0	ND	0.01
55	Aluminosilicate Refractory Ceramic Fibres (RCF) #		—	—	ND	0.05

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
56	Zirconia Aluminosilicate Refractory Ceramic Fibres #	—	—	ND	0.05
57	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	ND	0.01
58	Bis (2-methoxyethyl) phthalate	117-82-8	204-212-6	ND	0.005
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	ND	0.005
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	ND	0.005
61	1,2-Dichloroethane	107-06-2	203-458-1	ND	0.005
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	ND	0.005
63	Arsenic acid #	7778-39-4	231-901-9	ND	0.01
64	Calcium arsenate #	7778-44-1	231-904-5	ND	0.01
65	Trilead diarsenate #	3687-31-8	222-979-5	ND	0.01
66	N,N-dimethylacetamide	127-19-5	204-826-4	ND	0.005
67	Phenolphthalein	77-09-8	201-004-7	ND	0.005
68	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	ND	0.005
69	Lead azide Lead diazide #	13424-46-9	236-542-1	ND	0.01
70	Lead styphnate #	15245-44-0	239-290-0	ND	0.01
71	Lead dipicrate #	6477-64-1	229-335-2	ND	0.01
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	ND	0.005
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	ND	0.005
74	Diboron trioxide #	1303-86-2	215-125-8	ND	0.01
75	Formamide	75-12-7	200-842-0	ND	0.01
76	Lead (II) bis (methanesulfonate) #	17570-76-2	401-750-5	ND	0.005

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
77	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinae-2,4,6 -trione (TGIC)	2451-62-9	219-514-3	ND	0.005
78	1,3,5-tris[(2S and 2R)-2-3-epoxypropyl]-1,3, 5-triazine-2,4,6- (1H,3H,5H)-trione (β-TGIC)	59653-74-6	423-400-0	ND	0.005
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	ND	0.005
80	N,N,N',N'-tetramethyl-4,4'-methylenedianilin e (Michler's base)	101-61-1	202-959-2	ND	0.005
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene] cyclohexa-2,5-dien-1-ylidene]dimethylammo nium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	ND	0.005
82	[4-[[4-anilino-1-naphthyl][4- (dimethylamino) phenyl]methylene]cyclohexa-2,5-dien-1-ylid ene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	ND	0.005
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I.Solvent Blue 4)	6786-83-0	229-851-8	ND	0.005
84	4,4'-bis(dimethylamino)-4''-(methylamino)trit yl alcohol	561-41-1	209-218-2	ND	0.005
85	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxaz olidine	143860-04-2	421-150-7	ND	0.01
86	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	ND	0.005
87	N-methylacetamide	79-16-3	201-182-6	ND	0.01
88	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	ND	0.005
89	Biphenyl-4-ylamine	92-67-1	202-177-1	ND	0.005
90	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	ND	0.01
91	Dioxobis(stearato)trilead #	12578-12-0	235-702-8	ND	0.005
92	Lead dinitrate #	10099-74-8	233-245-9	ND	0.005
93	Tetralead trioxide sulphate #	12202-17-4	235-380-9	ND	0.005
94	Lead oxide (lead monoxide) #	1317-36-8	215-267-0	ND	0.005

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
95	Lead titanium trioxide #	12060-00-3	235-038-9	ND	0.005
96	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	ND	0.005
97	Acetic acid, lead salt, basic #	51404-69-4	257-175-3	ND	0.005
98	Dimethyl sulphate	77-78-1	201-058-1	ND	0.01
99	Furan	110-00-9	203-727-3	ND	0.005
100	Pyrochlore, antimony lead yellow #	8012-00-8	232-382-1	ND	0.005
101	Tetraethyllead #	78-00-2	201-075-4	ND	0.005
102	[Phthalato(2-)]dioxotrilead #	69011-06-9	273-688-5	ND	0.005
103	Diethyl sulphate	64-67-5	200-589-6	ND	0.01
104	Lead cynamidate #	20837-86-9	244-073-9	ND	0.005
105	Silicic acid, barium salt, lead-doped #	68784-75-8	272-271-5	ND	0.005
106	Trilead dioxide phosphonate #	12141-20-7	235-252-2	ND	0.005
107	o-Toluidine	95-53-4	202-429-0	ND	0.005
108	o-aminoazotoluene	97-56-3	202-591-2	ND	0.005
109	4-Aminoazobenzene	60-09-03	200-453-6	ND	0.005
110	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	ND	0.005
111	Dibutyltin dichloride (DBTC) #	683-18-1	211-670-0	ND	0.001
112	Lead Titanium Zirconium Oxide #	12626-81-2	235-727-4	ND	0.005
113	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	ND	0.01
114	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	ND	0.005
115	trilead bis(carbonate)dihydroxide #	1319-46-6	215-290-6	ND	0.005

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
116	Fatty acids, C16-18, lead salts #	91031-62-8	292-966-7	ND	0.005
117	Orange lead (lead tetroxide) #	1314-41-6	215-235-6	ND	0.005
118	Sulfurous acid, lead salt, dibasic #	62229-08-7	263-467-1	ND	0.005
119	4,4'-oxydianiline and its salts	101-80-4	202-977-0	ND	0.01
120	lead oxide sulfate #	12036-76-9	234-853-7	ND	0.005
121	Lead bis(tetrafluoroborate) #	13814-96-5	237-486-0	ND	0.005
122	Silicic acid, lead salt #	11120-22-2	234-363-3	ND	0.005
123	Bis(pentabromophenyl) ether (decabromodiphenyl ether;DecaBDE)	1163-19-5	214-604-9	ND	0.001
124	4-Nonylphenol, branched and linear	——	——	ND	0.01
125	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	ND	0.01
126	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	——	——	ND	0.01
127	1,2-Diethoxyethane	629-14-1	211-076-1	ND	0.01
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	ND	0.01
129	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-	201-604-9 236-086-3 238-009-9	ND	0.005
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	ND	0.005
131	N-pentyl-isopentylphthalate	——	933-378-9	ND	0.005
132	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	ND	0.005
133	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	ND	0.005
134	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	ND	0.005

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
135	Tricosafluorododecanoic acid	307-55-1	206-203-2	ND	0.005
136	Methoxyacetic acid	625-45-6	210-894-6	ND	0.005
137	Diisopentylphthalate	605-50-5	210-088-4	ND	0.005
138	N,N-dimethylformamide	68-12-2	200-679-5	ND	0.005
139	Cadmium #	7440-43-9	231-152-8	ND	0.005
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	ND	0.005
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	ND	0.005
142	Dipentyl phthalate (DPP)	131-18-0	205-017-9	ND	0.005
143	4-Nonylphenol, branched and linear, ethoxylated	——	——	ND	0.005
144	Cadmium oxide #	1306-19-0	215-146-2	ND	0.005
145	Cadmium sulphide #	1306-23-6	215-147-8	ND	0.005
146	Dihexyl phthalate	84-75-3	201-559-5	ND	0.005
147	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	ND	0.005
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenyl azo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) #	1937-37-7	217-710-3	ND	0.005
149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9	ND	0.01
150	Lead di(acetate) #	301-04-2	206-104-4	ND	0.005
151	Trixylyl phosphate	25155-23-1	246-677-8	ND	0.01
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	ND	0.01
153	Cadmium chloride #	10108-64-2	233-296-7	ND	0.005

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
154	Sodium perborate; perboric acid, sodium salt #	——	239-172-9; 234-390-0	ND	0.005
155	Sodium peroxometaborate #	7632-04-4	231-556-4	ND	0.005
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	ND	0.01
157	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	ND	0.01
158	2-ethylhexyl10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	ND	0.01
159	reaction mass of 2-ethylhexyl10-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)	——	——	ND	0.01
160	Cadmium fluoride #	7790-79-6	232-222-0	ND	0.005
161	Cadmium sulphate #	10124-36-4 31119-53-6	233-331-6	ND	0.005
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	ND	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]	——	——	ND	0.01
164	1,3-propanesultone	1120-71-4	214-317-9	ND	0.01
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	223-383-8	ND	0.01
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	ND	0.01
167	Nitrobenzene	98-95-3	202-716-0	ND	0.01

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	ND	0.01
169	Benzo[def]Chrysene	50-32-8	200-028-5	ND	0.01
170	4,4'-isopropylidenediphenol(bisphenol A)	80-05-7	201-245-8	ND	0.01
171	4-heptylphenol, branched and linear	——	——	ND	0.01
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3830-45-3 3108-42-7 335-76-2	—— 221-470-5 206-400-3	ND	0.01
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	ND	0.01
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	——	——	ND	0.01
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	——	——	ND	0.01
176	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	——	——	ND	0.01
177	Chrysene	218-01-9, 1719-03-5	205-923-4	ND	0.01
178	Cadmium nitrate #	10022-68-1, 10325-94-7	233-710-6	ND	0.01
179	Cadmium hydroxide #	21041-95-2	244-168-5	ND	0.01
180	Cadmium carbonate #	513-78-0	208-168-9	ND	0.01
181	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	ND	0.01
182	Benzo[ghi]perylene	191-24-2	205-883-8	ND	0.01
183	Decamethylcyclopentasiloxane (D5) #	541-02-6	208-764-9	ND	0.01
184	Disodium octaborate #	12008-41-2	234-541-0	ND	0.01
185	Dodecamethylcyclohexasiloxane (D6) #	540-97-6	208-762-8	ND	0.01

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
186	Ethylenediamine (EDA)	107-15-3	203-468-6	ND	0.01
187	Lead #	7439-92-1	231-100-4	ND	0.01
188	Octamethylcyclotetrasiloxane (D4) #	556-67-2	209-136-7	ND	0.01
189	Terphenyl, hydrogenated	61788-32-7	262-967-7	ND	0.01
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7	209-008-0	ND	0.01
191	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	ND	0.01
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	ND	0.01
193	Benzo[k]fluoranthene	207-08-9	205-916-6	ND	0.01
194	Fluoranthene	206-44-0, 93951-69-0	205-912-4	ND	0.01
195	Phenanthrene	85-01-8	201-581-5	ND	0.01
196	Pyrene	129-00-0, 1718-52-1	204-927-3	ND	0.01
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	ND	0.01
198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ⩾ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	——	——	ND	0.01
199	4-tert-butylphenol	98-54-4	202-679-0	ND	0.01
200	2-methoxyethyl acetate	110-49-6	203-772-9	ND	0.01
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	——	——	ND	0.01
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	ND	0.01
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	ND	0.01
204	Diisohexyl phthalate	71850-09-4	276-090-2	ND	0.01
205	Perfluorobutane sulfonic acid (PFBS) and its salts	——	——	ND	0.01

No.	Substance name	CAS No.	EC No.	Results (%)	MDL(%)
206	1-vinylimidazole	1072-63-5	214-012-0	ND	0.01
207	2-methylimidazole	693-98-1	211-765-7	ND	0.01
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	ND	0.01
209	Dibutylbis (pentane-2,4-dionato-O,O') tin #	22673-19-4	245-152-0	ND	0.01
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	ND	0.01
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	——	——	ND	0.01
212	1,4-dioxane	123-91-1	204-661-8	ND	0.01
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, 1522-92-5, 96-13-9	221-967-7, 253-057-0, 202-480-9	ND	0.01
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	——	——	ND	0.01
215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	201-025-1	ND	0.01
216	Glutaral	111-30-8	203-856-5	ND	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]	——	——	ND	0.01
218	Orthoboric acid, sodium salt #	13840-56-7	237-560-2	ND	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)	——	——	ND	0.01

Note:

1. MDL= Method detection limit. All MDL are based on homogenous material.
2. ND = Not Detected (< MDL)
3. % = Percentage by weight
4. The results shown were calculated based on total weight of the sample.
5. # =The substance is calculated by using the test results of element (E.g. Tin, Arsenic, Lead, Cobalt, Cr(VI), Molybdenum, Aluminum, Silicon, Zirconium, Sodium, Potassium, Strontium, Boron, Cadmium and so on). The SVHC concentration is based on the assessment of the result and the characteristic of material.
6. 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.
7. Reference Regulation (EC) No 1907/2006, paragraph 2 of Article 7, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance included in the Candidate List , if both the following conditions are met (a) The substance is present in those articles in quantities totalling over 1 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).
8. Reference Regulation (EC) No 1907/2006, Article 33, supplier of an article containing a substance included in the Candidate List and the 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.
9. If a SVHC is found over the MDL, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

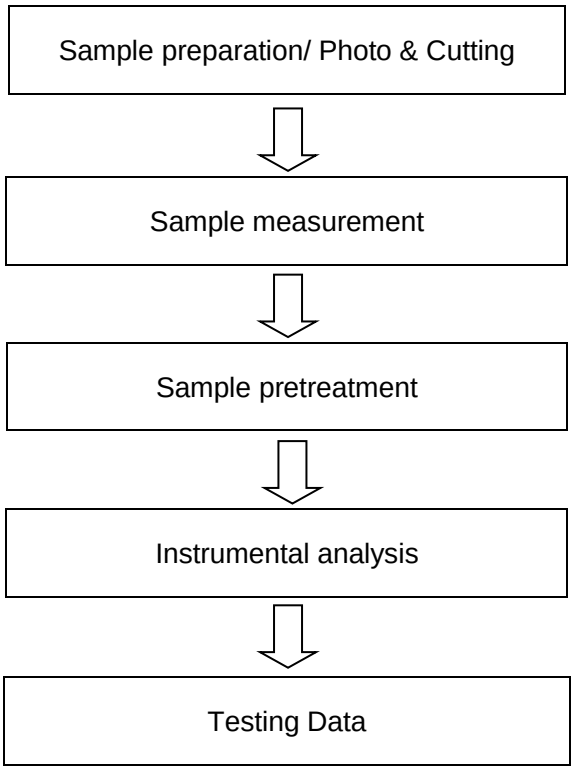
Test Method:

In-House method ZJJC-JC-015A, and analyzed by XRF, ICP-OES, GC-MS, UV-VIS or HPLC-DAD/MS.

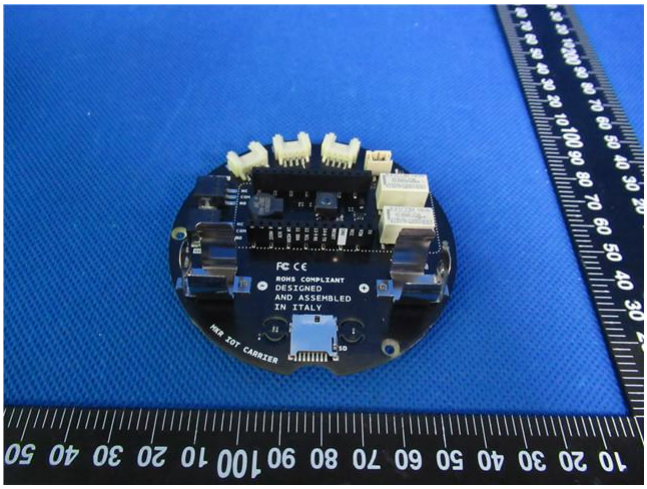
Test Component Description:

Arduino MKR IoT Carrier

Test Process:



Appendix:



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*****End of Report*****