### TEST REPORT

### KOTITI No. 8221-1401-101076

Applicant DONGWON INDUSTRY CO.

Date In

2021. 02. 17.

Date Out

2021. 03. 03.

Sample Description	30DN(5%)
Sample Quantity	One (1) Sample(s)
Buyer	N/S
Item Number	N/S
Material	POLYESTER THREAD, PVC
Testing Period	2021. 02. 17. ~ 2021. 03. 02.
Test Result	For further details, please refer to the following page(s).

\* N/S : Not Submitted, N.A. : Not Applicable, N.D. : Not Detected [< RL(Report Limit)]

\* Negative : Not Detected, Positive : Detected

	Prepar	ed by			Technical	Manage	er		
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or representative of 2. Further use of th established betwe 3. The test result in th	of the quali ne results en the clien his report is	ties of the lo of this rep nt identified s not related	ort are limited to result of from which the sample ort is prohibited unless on this letter and the KC d to accreditation of KOL & code at the bottom righ	e(s) was taken or of allowed under a DTITI Testing & Rea AS.	f all products. separate agr search Institute	eement s e.	et forth in an offici	al document that is	t number.
QPF-16-06(rev.00)									KOTITI

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Tested Sample List					
Sample No.	Sample Description	Item No.	Material		
1	30DN(5%)	N/S	POLYESTER THREAD, PVC		

NO	Substance Name	CAS No.	Test Method	Result
				1
1	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
2	Anthracene	120-12-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit : 0.005 %	N.D.
3	Dibutyl phthalate (DBP)	84-74-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit : 0.005 %	N.D.
4	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit : 0.005 %	N.D.
5	Benzyl butyl phthalate (BBP)	85-68-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit : 0.005 %	N.D.
6	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: $\alpha$ – Hexabromocyclododecane $\beta$ – Hexabromocyclododecane $\gamma$ – Hexabromocyclododecane	3194-55-6	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
7	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
8	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS and/or GC- ECD Reporting limit: 0.02 %	N.D.
9	Bis(tributyltin)oxide (TBTO)	56-35-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
10	Cobalt dichloride	7646-79-9	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
11	Diarsenic pentaoxide	1303-28-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
12	Diarsenic trioxide	1327-53-3	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
13	Sodium dichromate	7789-12-0	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
14	Lead hydrogen arsenate	7784-40-9	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.

NO	Substance Name	CAS No.	Test Method	Result
				1
15	Triethyl arsenate	15606-95-8	With reference to KOTITI In-house method, by solvent extraction and determined by ICP-OES Reporting limit: 0.01 %	N.D.
16	Anthracene oil	90640-80-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %	N.D.
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %	N.D.
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %	N.D.
19	Anthracene oil, anthracene, anthracene-low	90640-82-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %	N.D.
20	Anthracene oil, anthracene, anthracene paste	90640-81-6	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %	N.D.
21	Coal tar pitch, high temperature	65996-93-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %	N.D.
22	2,4-Dinitrotoluene	121-14-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
23	Diisobutyl phthalate	84-69-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit : 0.005 %	N.D.
24	Lead chromate	7758-97-6	With reference to KOTITI In-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	N.D.
25	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	With reference to KOTITI In-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	N.D.
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	With reference to KOTITI In-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	N.D.
27	Tris(2-chloroethy)phosphate (TCEP)	115-96-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
28	Acrylamide	1979-06-01	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.

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		·		1
29	1,1,2-Trichloroethylene	1979-01-06	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
30	Boric Acid	10043-35-3 11113-50-1	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
31	Disodium tetraborate Anhydrous	1330-43-4 12179-04-3	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
33	Sodium chromate	7775-11-3	With reference to KOTITI In-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	N.D.
34	Potassium chromate	7789-00-6	With reference to KOTITI In-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	N.D.
35	Ammonium dichromate	7789-09-5	With reference to KOTITI In-house method, determined by UV-VIS spectrophotometer Reporting limit: 0.01 %	N.D.
36	Potassium dichromate	7778-50-9	With reference to KOTITI In-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	N.D.
37	Cobalt(II) sulphate	10124-43-3	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
38	Cobalt(II) dinitrate	10141-05-6	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
39	Cobalt(II) carbonate	513-79-1	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
40	Cobalt(II) diacetate	71-48-7	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
41	2-methoxyethanol	109-86-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
42	2-ethoxyethanol	110-80-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.

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NO	Substance Name	CAS No.	Test Method	Result
				1
43	Chromium trioxide	1333-82-0	With reference to KOTITI In-house method, determined by UV-VIS Spectrophotometer Reporting limit: 0.01 %	N.D.
44	Acids generated from chromium trioxide and their oligomers -Group containing -Chromic acid -Dichromic acid -Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	With reference to KOTITI In-house method, determined by UV-VIS Spectrophotometer Reporting limit: 0.005 %	N.D.
45	2-Ethoxyethyl acetate	111-15-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
46	Strontium chromate	7789-06-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
47	1,2-Benzenedicarboxylic acid, di- C7- 11-branched and linear alkyl esters (DHNUP)	68515-42-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %	N.D.
48	Hydrazine	7803-57-8 302-01-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
49	1-methyl-2-pyrrolidone	872-50-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
50	1,2,3-trichloropropane	96-18-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
51	1,2-Benzenedicarboxylic acid, di- C6-8- branched alkyl esters, C7-rich (DIHP)	71888-89-6	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
52	4-(1,1,3,3-tetramethylbutyl)phenol, (4- tert-Octylphenol)	140-66-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
53	2-Methoxyaniline; o-Anisidine	90-04-0	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.05 %	N.D.
54	Arsenic acid	7778-39-4	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
55	Calcium arsenate	7778-44-1	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
56	Trilead diarsenate	3687-31-8	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.

NO	Substance Name	CAS No.	Test Method	Result
			· · ·	1
57	1,2-Dichloroethane; ethylene dichloride	107-06-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
58	Bis(2-methoxyethyl) ether	111-96-6	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
59	Bis(2-methoxyethyl) phthalate	117-82-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.05 %	N.D.
60	N,N-dimethylacetamide (DMAC)	127-19-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
61	Lead diazide; Lead azide	13424-46-9	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
62	Lead styphnate	15245-44-0	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
63	2,2'-dichloro-4,4'-ethylenedianiline (MOCA)	101-14-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
64	Dichromium tris(chromate)	24613-89-6	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
65	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	With reference to KOTITI In-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	N.D.
66	Pentazinc chromate octahydroxide	49663-84-5	With reference to KOTITI In-house method, determined by ICP-OES and UV-VIS Spectrophotometer Reporting limit: 0.01 %	N.D.
67	Phenolphthalein	77-09-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
68	Lead dipicrate	6477-64-1	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
69	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
70	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES and further PLM confirmation when necessary Reporting limit: 0.01 %	N.D.

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NO	Substance Name	CAS No.	Test Method	Result
	· · ·			1
71	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES and further PLM confirmation when necessary Reporting limit: 0.01 %	N.D.
72	[4-[4,4'- bis(dimethylamino) Benzhydrylidene] cyclohexa-2,5-dien- 1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3) [with $\ge 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
73	α,α-Bis[4-(dimethylamino)phenyl]- 4(phenylamino)naphthalene-1- methanol (C.I Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202- 027-5) or Michler's base (EC No. 202- 959-2)]	6786-83-0	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
74	N,N,N',N'-tetramethyl- 4.4'- methylenedianiline (Michler's base)	101-61-1	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
75	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	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
76	Diboron trioxide	1303-86-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
77	1,2- bis(2- methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.01 %	N.D.
78	4,4'- bis(dimethylamino)- 4"- (methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
79	Lead(II) bis(methanesulfonate)	17570-76-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
80	Formamide	75-12-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
81	[4-[[4- aniline- 1- naphthyl] [4- (dimethylamino)phenyl] methylene] cyclohexa- 2,5- dien- 1- ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\ge$ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS and/or HPLC-DAD-MS Reporting limit: 0.005 %	N.D.
82	1,2- dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.

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NO	Substance Name	CAS No.	Test Method	Result
				1
83	1,3,5- Tris(oxiran- 2- ylmethyl)- 1,3,5- triazinane- 2,4,6- trione (TGIC)	2451-62-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
84	3,3'= bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
86	N,N-dimethylformamide	68-12-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
87	Methoxy acetic acid	625-45-6	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
88	Dibutyltin dichloride (DBT)	683-18-1	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
89	1,2-Diethoxyethane	629-14-1	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
90	Cyclohexane-1,2-dicarboxylic anhydride [1] cis-cyclohexane-1,2-dicarboxylic anhydride [2] trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans- isomers [1] are covered by this entry].	85-42-7, 13149-00-3, 14166-21-3	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.1 %	N.D.
91	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.1 %	N.D.
92	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]	-	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.

NO	Substance Name	CAS No.	Test Method	Result
				1
93	Heptacosafluorotetradecanoic acid	376-06-7	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
94	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
95	Henicosafluoroundecanoic acid	2058-94-8	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
96	N-pentyl-isopentylphthalate	776297-69-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
97	Pentacosafluorotridecanoic acid	72629-94-8	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
98	4-(1,1,3,3-tetramethylbutyl) Phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
99	Tricosafluorododecanoic acid	307-55-1	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
100	Lead bis(tetrafluoroborate)	13814-96-6	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
101	Orange lead (Lead tetroxide)	1314-41-6	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
102	Diethyl sulphate	64-67-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
103	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.1 %	N.D.
104	Lead titanium zirconium oxide	12626-81-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
105	Acetic acid, lead salt, basic	51404-69-4	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
106	Furan	110-00-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	N.D.
107	N-methylacetamide	79-16-3	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.

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NO	Substance Name	CAS No.	Test Method	Result
				1
108	o-toluidine	95-53-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
109	3-ethyl-2-methyl-2-(3methylbutyl)-1,3- oxazolidine	143860-04-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	N.D.
110	4,4'-oxydianiline and its salts	101-80-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
111	[Phthalato(2-)]dioxotrilead	69011-06-9	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
112	Lead titanium trioxide	12060-00-3	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
113	Lead oxide sulfate	12036-76-9	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
114	Lead dinitrate	10099-74-8	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
115	4-aminoazobenzene	60-09-03	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
116	Lead cynamidate	20837-86-9	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
117	Tetralead trioxide sulphate	12202-17-4	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
118	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
119	Pyrochlore, antimony lead yellow	8012-00-8	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
120	Trilead bis(carbonate)dihydroxide	1319-46-6	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
121	Dimethyl sulphate	77-78-1	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	N.D.

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NO	Substance Name	CAS No.	Test Method	Result
	·		· "	1
122	Dioxobis(stearato)trilead	12578-12-0	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
123	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082- 001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
124	Biphenl-4-ylamine	92-67-1	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
125	Lead monoxide (Lead oxide)	1317-36-8	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
126	Pentalead tetraoxide sulphate	12065-90-6	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.05 %	N.D.
127	Methyloxirane (Propylene oxide)	75-56-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	N.D.
128	Silicic acid, lead salt	11120-22-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
129	Trilead dioxide phosphonate	12141-20-7	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
130	o-aminoazotoluene [(4-o-tolylazo-o- toluidine])	97-56-3	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
131	1-bromopropane (n-propyl bromide)	106-94-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	N.D.
132	6-methoxy-m-toluidine (p-cresidine)	120-71-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
133	4,4'-methylenedi-o-toluidine	838-88-0	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.

NO	Substance Name	CAS No.	Test Method	Result
				1
134	Tetraethyllead	78-00-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
135	Sulfurous acid, lead salt, dibasic	62229-08-7	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01 %	N.D.
136	Fatty acids, C16-18, lead salts	91031-62-8	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
137	Diisopentylphthalate (DIPP)	605-50-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS or LC-MS Reporting limit: 0.005 %	N.D.
138	Diazene-1,2-dicarboxamide (C,C'- azodi(formamide))	123-77-3	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.1 %	N.D.
139	Cadmium	7440-43-9	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
140	Cadmium oxide	1306-19-0	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
141	Ammoniumpentadecafluorooctanoate (APFO)	3825-26-1	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
143	Dipentyl phthalate (DPP)	131-18-0	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
145	Cadmium sulphide	1306-23-6	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.

NO	Substance Name	CAS No.	Test Method	Result
			· · · · ·	1
146	Dihexyl phthalate	84-75-3	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
147	C.I. Direct Red 28; Disodium 3,3'- [[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4- aminonaphthalene-1-sulphonate)	573-58-0	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
148	C.I. Direct Black 38; Disodium 4- amino-3-[[4`-[(2,4- diaminophenyl)azo][1,1`-biphenyl]-4- yl]azo]-5-hydroxy-6- (phenylazo)naphthalene-2,7- disulphonate	1937-37-7	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
149	Imidazolidine-2thione; 2-imidazoline-2- thiol	96-45-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
150	Lead di(acetate)	301-04-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
151	Trixylyl phosphate	25155-23-1	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
152	1.2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
153	Cadmium chloride	10108-64-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
154	Sodium perborate; perboric acid, sodium salt	11138-47-9	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
155	Sodium peroxometaborate	7632-04-4	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
156	Cadmium sulphate	10124-36-4; 31119-53-6	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
157	2-benzotriazol-2-yl-4,6-di-tert- butylphenol (UV-320)	3846-71-7	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo- 8-oxa-3,5-dithia-4- stannatetradecanoate(DOTE)	15571-58-1	With reference to KOTITI In-house method, by solvent extraction and determined by ICP-OES Reporting limit: 0.005 %	N.D.

NO	Substance Name	CAS No.	Test Method	Result
				1
159	Reaction mass of 2-ethylhexyl 10- ethyl-4,4-dioctyl-7-oxo-8oxa-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)	-	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
160	2-(2H-benzotriazol-2-yl)-4,6- ditertpentylphenol (UV-328)	25973-55-1	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
161	Cadmium fluoride	7790-79-6	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
162	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]	-	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
163	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	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
164	1,3-propanesultone	1120-71-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
165	Nitrobenzene	98-95-3	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS and HS- GC-MS Reporting limit: 0.005 %	N.D.
166	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
167	2,4-di-tert-butyl-6-(5- chlorobenzotriazol-2-yl)phenol (UV- 327)	3864-99-1	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
168	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)- 6-(sec-butyl)phenol (UV-350)	36437-37-3	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
169	Benzo[def]chrysene	50-32-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
170	4,4`-isopropylidenediphenol	80-05-7	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.

NO	Substance Name	CAS No.	Test Method	Result
				1
171	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB-and well-defined substances which include any of the individual isomers or a combination thereof]	-	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
173	p-(1,1-dimethylpropyl)phenol	80-46-6	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
174	Pefluorohexane-1-sulphonic acid and its salts	355-46-4	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS Reporting limit: 0.005 %	N.D.
175	Reaction products of 1,3,4- thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear (4-HPbl)	-	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
176	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	-	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
177	Chrysene	218-01-9, 1719-03-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
178	Cadmium nitrate	10022-68-1 10325-94-7	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
179	Cadmium hydroxide	21041-95-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
180	Cadmium carbonate	513-78-0	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
181	Benz[a]anthracene	56-55-3 1718-53-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
182	Terphenyl, hydrogenated	61788-32-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.

NO	Substance Name	CAS No.	Test Method	Result
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183	Octamethylcyclotetrasiloxane (D4)	556-67-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
184	Lead	7439-92-1	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
185	Ethylenediamine (EDA)	107-15-3	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
186	Dodecamethylcyclohexasiloxane (D6)	540-97-6	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
187	Disodium octaborate	12008-41-2	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
188	Dicyclohexyl phthalate (DCHP)	84-61-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
189	Decamethylcyclopentasiloxane (D5)	541-02-6	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
190	Benzo[ghi]perylene	191-24-2	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
192	1,7,7-trimethyl-3- (phenylmethylene)bicyclo[2.2.1]heptan- 2-one; 3-benzylidene camphor; 3-BC	15087-24-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
193	2,2-bis(4'-hydroxyphenyl) -4-methylpentane; BisP-MIBK	6807-17-6	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS-MS Reporting limit: 0.005 %	N.D.
194	Benzo[k]fluoranthene	207-08-9	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
195	Fluoranthene	206-44-0 93951-69-0	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
196	Phenanthrene	85-01-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
197	Pyrene	129-00-0 1718-52-1	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.

NO	Substance Name	CAS No.	Test Method	Result
				1
198	2-methoxyethyl acetate	110-49-6	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
200	2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS-MS Reporting limit: 0.005 %	N.D.
201	4-tert-butylphenol	98-54-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
202	Perfluorobutane sulfonic acid (PFBS) and its salts	-	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS-MS Reporting limit: 0.005 %	N.D.
203	Diisohexyl phthalate	71850-09-4	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
204	2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one	71868-10-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
205	2-benzyl-2-dimethylamino-4'- morpholinobutyrophenone	119313-12-1	With reference to KOTITI In-house method, by solvent extraction and determined by LC-MS-MS Reporting limit: 0.005 %	N.D.
206	1-vinylimidazole	1072-63-5	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
207	2-methylimidazole	693-98-1	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
208	Dibutylbis (pentane-2,4-dionato-O,O')tin	22673-19-4	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.
209	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	With reference to KOTITI In-house method, by solvent extraction and determined by GC-MS Reporting limit: 0.005 %	N.D.
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	-	With reference to KOTITI In-house method, by acid digestion and determined by ICP-OES Reporting limit: 0.01%	N.D.

### Photo of the submitted sample(s)

KOTITI

Sample No.1		
	82211401101076	