서울특별시 구로구 시흥대로 571
302호 (구로동,부호빌딩)
[별지 제41호서식]

공증
인가 법무법인 이산

(전화) 02-858-6700
(팩스) 02-851-2803

Registered No. 2020 - 1149

NOTARIAL CERTIFICATE

Esan lawfirm

571, Siheung-daero, Guro-gu,
Seoul, Korea

Declaration

I do hereby solemnly and sincerely declare that the attached Certificate of Test Reports received from Korea Conformity Laboratories exactly corresponds to the original.

1. KCL(Korea Conformity Laboratories) Test Report No. CT20-040625E
2. KCL(Korea Conformity Laboratories) Test Report No. CT20-041767E
3. KCL(Korea Conformity Laboratories) Test Report No. CT20-041767E_M1
4. KCL(Korea Conformity Laboratories) Test Report No. CT20-040622E
5. KCL(Korea Conformity Laboratories) Test Report No. CT20-040623E
6. SGS(SGS Korea) Test Report No. F690101/LF-CTSAYHA20-06269
7. KUMC(Korea University Medicine Center) Test Report No. KUMC-MP-03

July 20, 2020

GLOBAL PMC, INC.

YONG-NAM, KIM

CEO

8857-1157-2245-8770

TEST REPORT

1. NO : CT20-040625E
2. Client
   - ○ Name : CLEAN CU
   - ○ Address : 85, Taeri-ro 179beon-gil, Gochon-eup, Gimpo-si, Gyeoggi-do, Republic of Korea
3. Date of Test : 2020.03.30 ~ 2020.04.28
4. Use of Report : Quality Control
5. Test Sample : Antibacterial Copper PE (film sheet_c.c)
6. Test Method
   (1) KCL-FIR-1003:2018

Affirmation	Tested By Name : Lee, Jung Min Jungmin.Lee	Technical Manager Name : BIN SUNG IL B.S.Il

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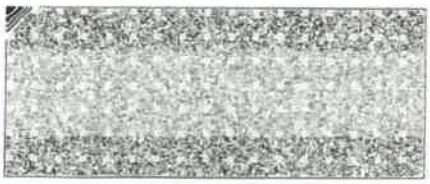
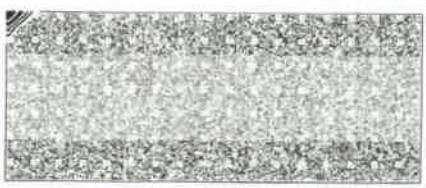
2020.04.28

Korea Conformity Laboratories President Yoon, Kap Seok Yoon Kapseok





TEST REPORT

No : CT20-040625E

7. Test Results

Test Items		Test method	Test Results			Testing Environment
			Early Conc. (CFU/mL)	After 16h Conc (CFU/mL)	Reduction rate (%)	
Antibacterial test : *Klebsiella pneumoniae*	BLANK	KCL-FIR-1003 :2018	2.4×10^5	6.4×10^6	-	(37.0 ± 0.2) ℃
	Antibacterial Copper PE (film sheet_c.c)		2.4×10^5	< 10	99.9	
Antibacterial test : MRSA	BLANK		2.0×10^5	6.1×10^6	-	
	Antibacterial Copper PE (film sheet_c.c)		2.0×10^5	< 10	99.9	

※ CFU : Colony Forming Unit

※ Inoculum concentration(CFU/mL) : *Klebsiella pneumoniae* : 2.4×10^5
MRSA : 2.0×10^5

※ Test strain : *Klebsiella pneumoniae* ATCC 4352
MRSA(*Staphylococcus aureus subsp. aureus*) ATCC 33591

※ Reaction time : 16 h

※ Sample : 5 cm × 5 cm, Blank : Stomacher film : 5 cm × 5 cm

※ Location : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea

TEST REPORT

No : CT20-040625E

<Picture 1. *Klebsiella pneumoniae* - BLANK (16 h)>

<Picture 2. *Klebsiella pneumoniae* - Antibacterial Copper PE (film sheet_c.c) (16 h)>

TEST REPORT

No : CT20-040625E

<Picture 3. MRSA - BLANK (16 h)>

<Picture 4. MRSA - Antibacterial Copper PE (film sheet_c.c) (16 h)>

TEST REPORT

No : CT20-040625E

<Picture 5. Sample - Antibacterial Copper PE (film sheet_c.c)>

----- End of Report -----

5876-9827-3467-8581

TEST REPORT

1. NO : CT20-041767E
2. Client
   - ○ Name : CLEAN CU
   - ○ Address : 85, Taeri-ro 179beon-gil, Gochon-eup, Gimpo-si, Gyeoggi-do, Republic of Korea
3. Date of Test : 2020.04.01 ~ 2020.04.20
4. Use of Report : Quality Control
5. Test Sample : Clean CU Antibacterial plastic PE(film sheet_P.S)
6. Test Method
   (1) JIS Z 2801:2012
7. Test Results

1) Clean CU Antibacterial plastic PE(film sheet_P.S)

Test Item(s)	Unit	Test Method	Test Results	Remark	Loc.
Anti-bacterial Test(Escherichia coli)-antibacterial activity	Log value	(1)	5.8	(35.0 ± 0.1) ℃ (92.9 ± 0.5) % R.H.	A
Anti-bacterial Test(Staphylococcus aureus)-antibacterial activity	Log value	(1)	5.7		

※ Test bacteria : *Escherichia coli* ATCC 8739, *Staphylococcus aureus* ATCC 6538P
※ Sample : 5 cm × 5 cm, Blank : Stomacher film : 5 cm × 5 cm
※ Covering film : 16 ㎠
※ Incubation time : 24 hours
※ Location
A : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea

Affirmation	Tested By Name : Lee, Jung Min Jungmin.Lee	Technical Manager Name : BIN SUNG IL B Sungil

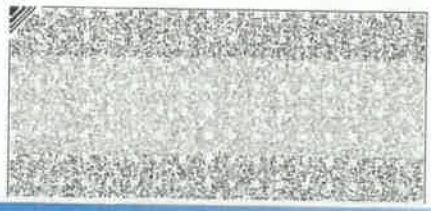
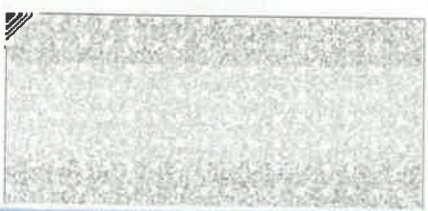
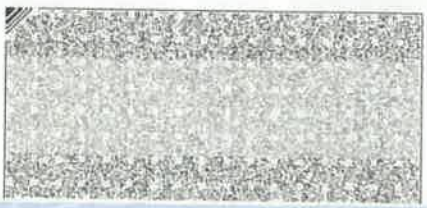
Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).

The above test certificate is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.

2020.04.20

Korea Conformity Laboratories President Yoon, Kap Seok [redacted] Kapseok

Accredited by KOLAS, Republic of KOREA

No : CT20-041767E

TEST REPORT

<Picture 1. Sample [Clean CU Antibacterial plastic PE(film sheet_P.S)]>

----- End of Report -----

5876-9827-3467-8581

TEST REPORT

1. NO : CT20-041767E_M1
2. Client
   - ○ Name : CLEAN CU
   - ○ Address : 85, Taeri-ro 179beon-gil, Gochon-eup, Gimpo-si, Gyeoggi-do, Republic of Korea
3. Date of Test : 2020.04.01 ~ 2020.04.20
4. Use of Report : Quality Control
5. Test Sample : Clean CU Antibacterial plastic PE(film sheet_P.S)
6. Test Method
   (1) JIS Z 2801:2012
7. Test Results

1) Clean CU Antibacterial plastic PE(film sheet_P.S)

Test Item(s)	Unit	Test Method	Test Results	Remark	Loc.
Anti-bacterial Test(Klebsiella pneumoniae)-antibacterial activity	Log value	(1)	5.9	(35.0 ± 0.1) ℃ (92.9 ± 0.5) % R.H.	A
Anti-bacterial Test(MRSA)-antibacterial activity	Log value	(1)	5.8		

※ Test bacteria : *Klebsiella pneumoniae* ATCC 4352, MRSA(*Staphylococcus aureus subsp. aureus*) ATCC 33591
※ Sample : 5 cm × 5 cm, Blank : Stomacher film : 5 cm × 5 cm
※ Covering film : 16 ㎠
※ Incubation time : 24 hours
※ Location
A : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea

Affirmation	Tested By Name : Lee, Jung Min Jungmin. Lee	Technical Manager Name : BIN SUNG IL B Sungil

Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).

The above test certificate is the accredited test results by Korea Laboratory Accreditation Scheme, which signed the ILAC-MRA.

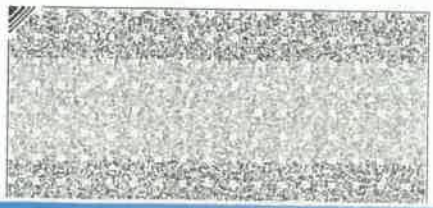
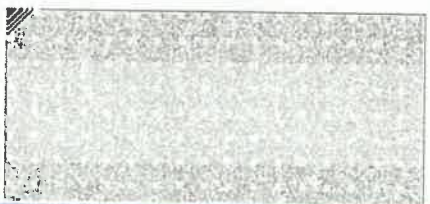
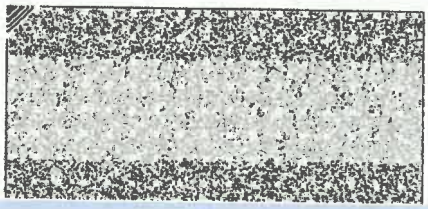
2020.04.20

Korea Conformity Laboratories President Yoon, Kap Seok Yoon, Kapseok

Accredited by KOLAS, Republic of KOREA

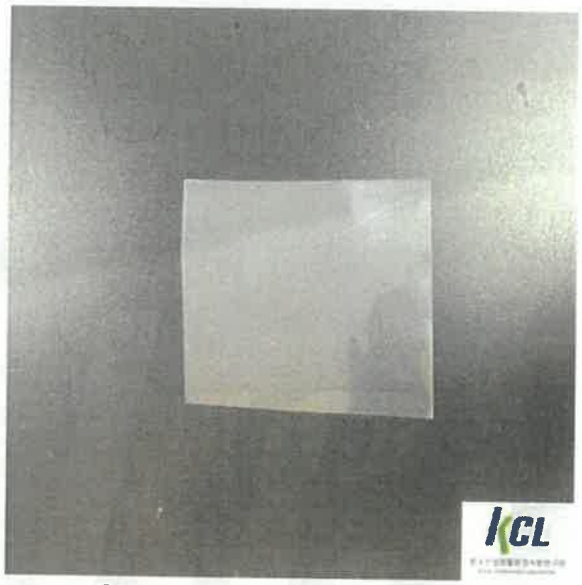
※ 2020.04.27 Modification M1 Tested by : Lee, Jung Min, Technical Manager : Kye Seung Chang (A typing error(Note-test bacteria name error))

Result Inquiry : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea 82-31-389-9186

TEST REPORT

No : CT20-041767E_M1



<Picture 1. Sample [Clean CU Antibacterial plastic PE(film sheet_P.S)]>

----- End of Report -----

8219-9081-5085-6832

TEST REPORT

1. NO : CT20-040622E
2. Client
   - ○ Name : CLEAN CU
   - ○ Address : 85, Taeri-ro 179beon-gil, Gochon-eup, Gimpo-si,Gyeoggi-do, Republic of Korea
3. Date of Test : 2020.03.30 ~ 2020.04.28
4. Use of Report : Quality Control
5. Test Sample : CLEAN CU Antibacterial Copper Anti Germ Tubu C.C
6. Test Method
   (1) KCL-FIR-1003:2018

Affirmation	Tested By Name : Lee, Jung Min Jungmin. Lee	Technical Manager Name : BIN SUNG IL B Sungil

This report is not accredited by KOLAS.
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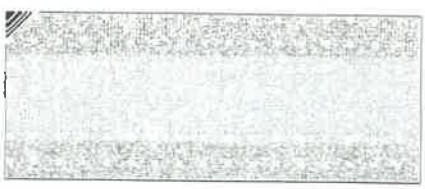
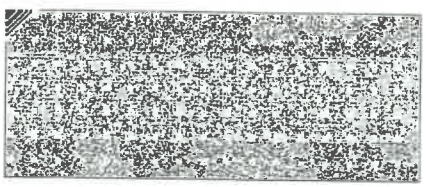
2020.04.28

Korea Conformity Laboratories President Yoon, Kap Seok Yoon. Kapseok

Result Inquiry : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea (82-31-389-9186)

TEST REPORT

No : CT20-040622E

7. Test Results

Test Items		Test method	Test Results			Testing Environment
			Early Conc. (CFU/mL)	After 16h Conc (CFU/mL)	Reduction rate (%)	
Antibacterial test : *Escherichia coli*	BLANK	KCL-FIR-1003 :2018	4.5×10^5	5.3×10^6	-	(37.0 ± 0.2) ℃
	CLEAN CU Antibacterial Copper Anti Germ Tubu C.C		4.5×10^5	< 10	99.9	
Antibacterial test : *Staphylococcus aureus*	BLANK		3.8×10^5	5.7×10^6	-	
	CLEAN CU Antibacterial Copper Anti Germ Tubu C.C		3.8×10^5	< 10	99.9	

※ CFU : Colony Forming Unit

※ Inoculum concentration(CFU/mL) : *Escherichia coli* : 4.5×10^5
Staphylococcus aureus : 3.8×10^5

※ Test strain : *Escherichia coli* ATCC 8739
Staphylococcus aureus ATCC 6538P

※ Reaction time : 16 h

※ Sample : 5 cm × 5 cm, Blank : Stomacher film : 5 cm × 5 cm

※ Location : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea

TEST REPORT

No : CT20-040622E

<Picture 1. *Escherichia coli* - BLANK (16 h)>

<Picture 2. *Escherichia coli* - CLEAN CU Antibacterial Copper Anti Germ Tubu C.C (16 h)>

TEST REPORT

No : CT20-040622E

<Picture 3. *Staphylococcus aureus* - BLANK (16 h)>

<Picture 4. *Staphylococcus aureus* - CLEAN CU Antibacterial Copper Anti Germ Tubu C.C (16 h)>

TEST REPORT

No : CT20-040622E

<Picture 5. Sample - CLEAN CU Antibacterial Copper Anti Germ Tubu C.C>

—— End of Report ——

5162-1638-7287-8397

TEST REPORT

1. NO : CT20-040623E
2. Client
   - ○ Name : CLEAN CU
   - ○ Address : 85, Taeri-ro 179beon-gil, Gochon-eup, Gimpo-si, Gyeoggi-do, Republic of Korea
3. Date of Test : 2020.03.30 ~ 2020.04.28
4. Use of Report : Quality Control
5. Test Sample : CLEAN CU Antibacterial Copper Anti Germ Tubu C.C
6. Test Method
   (1) KCL-FIR-1003:2018

Affirmation	Tested By Name : Lee, Jung Min Jungmin.Lee	Technical Manager Name : BIN SUNG IL B sungil

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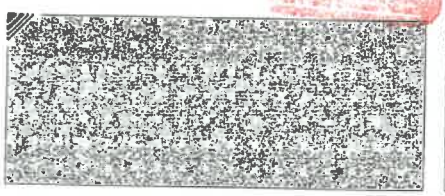
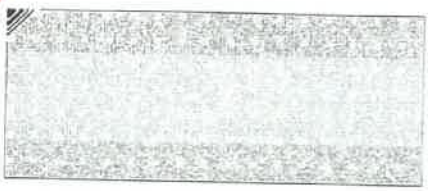
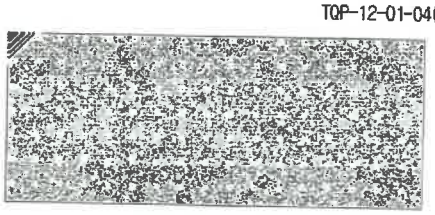
2020.04.28

Korea Conformity Laboratories President Yoon, Kap Seok Yoon, Kapseok

Result Inquiry : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea (82-31-389-9186)

TEST REPORT

No : CT20-040623E

7. Test Results

Test Items		Test method	Test Results			Testing Environment
			Early Conc. (CFU/mL)	After 16h Conc (CFU/mL)	Reduction rate (%)	
Antibacterial test : *Klebsiella pneumoniae*	BLANK	KCL-FIR-1003 :2018	2.4×10^5	6.4×10^6	-	(37.0 ± 0.2) ℃
	CLEAN CU Antibacterial Copper Anti Germ Tubu C.C		2.4×10^5	< 10	99.9	
Antibacterial test : MRSA	BLANK		2.0×10^5	6.1×10^6	-	
	CLEAN CU Antibacterial Copper Anti Germ Tubu C.C		2.0×10^5	< 10	99.9	

※ CFU : Colony Forming Unit

※ Inoculum concentration(CFU/mL) : *Klebsiella pneumoniae* : 2.4×10^5
MRSA : 2.0×10^5

※ Test strain : *Klebsiella pneumoniae* ATCC 4352
MRSA(*Staphylococcus aureus subsp. aureus*) ATCC 33591

※ Reaction time : 16 h

※ Sample : 5 cm × 5 cm, Blank : Stomacher film : 5 cm × 5 cm

※ Location : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea

TEST REPORT

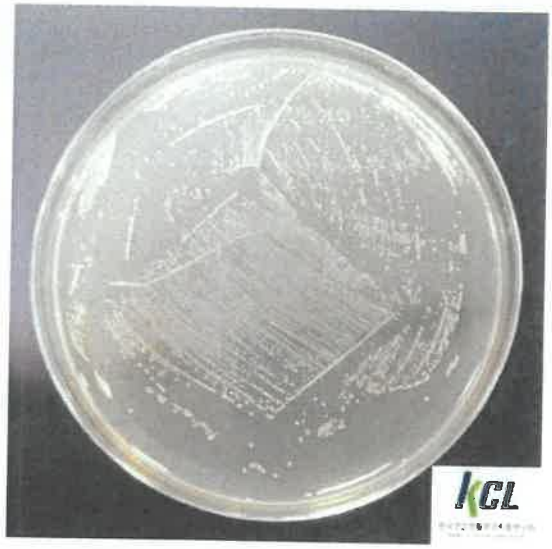
No : CT20-040623E

<Picture 1. *Klebsiella pneumoniae* - BLANK (16 h)>

<Picture 2. *Klebsiella pneumoniae* - CLEAN CU Antibacterial Copper Anti Germ Tubu C.C (16 h)>

TEST REPORT

No : CT20-040623E



<Picture 3. MRSA - BLANK (16 h)>

<Picture 4. MRSA - CLEAN CU Antibacterial Copper Anti Germ Tubu C.C (16 h)>

TEST REPORT

No : CT20-040623E

<Picture 5. Sample - CLEAN CU Antibacterial Copper Anti Germ Tubu C.C>

----- End of Report -----

Test Report

No. F690101/LF-CTSAYHA20-06269 Issued Date: 2020. 06. 12

CLEAN CU
108, Heungdo-ro, Deogyang-gu
Goyang-si, Gyeonggi-do
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

SGS File No.	:	AYHA20-06269
Product Name	:	CleanCU Anti Germ PE (film sheet_C.C)
Item/Part Name	:	N/A
Received Date	:	2020. 06. 05
Test Period	:	2020. 06. 05 ~ 2020. 06. 12
Test Requested	:	Two hundred and five (205) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on January 16, 2020 regarding Regulation (EC) No 1907/2006 concerning the REACH. Five (5) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on March 3, 2020 regarding Regulation (EC) No 1907/2006 concerning the REACH.
Test Method	:	Please refer to next page(s).
Test Result(s)	:	Please refer to next page(s).
Summary	:	According to the specified scope and evaluation screening, the test results of SVHC are ≤ 0.1% (w/w) in the articles of the submitted sample.

SGS Korea Co., Ltd

Tommy Oh / Chemical Lab Mgr

SGS Korea Co. Ltd. 322, The O valley, 76, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Korea 14117
t +82 (0)31 4608 000 f +82 (0)31 4608 059 http://www.sgsgroup.kr
Member of the SGS Group (Société Générale de Surveillance)

Test Method:

SGS In-House method - Analyzed by ICP-OES, PLM, UV/VIS, LC/MS ,GC/MS and colorimetric method

Remarks:

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
   http://echa.europa.eu/web/guest/candidate-list-table (Candidate list)
   http://echa.europa.eu/proposals-to-identify-substances-of-very-high-concern-previous-consultations?p_p_id=substancetypelist_WAR_substanceportlet&p_p_lifecycle=0&p_p_state=normal&p_p_mode=view&p_p_col_id=column-1&p_p_col_pos=2&p_p_col_count=4&_substancetypelis
   (Proposals to identify SVHC consulations)
   This list is under evaluation by ECHA and may subject to change in the future.
2. In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 2 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance is present in those articles above a concentration of **0.1 %** weight by weight (w/w).
3. Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above **0.1 %** weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.
4. If a SVHC is found over the reporting limit, 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.

SGS Korea Co., Ltd 322, The O valley, 76, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do, Korea 14117
t +82 (0)31 4608 000 f +82 (0)31 4608 059 http://www.sgsgroup.kr

Test Result(s)

No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
1	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	0.05	N.D.
2	Anthracene	120-12-7	204-371-1	0.05	N.D.
3	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.05	N.D.
4	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	0.05	N.D.
5	Bis(tributyltin)oxide	56-35-9	200-268-0	0.05	N.D.
6	Cobalt dichloride*	7646-79-9	231-589-4	0.005	N.D.
7	4,4-Diaminodiphenylmethane	101-77-9	202-974-4	0.05	N.D.
8	Diarsenic pentaoxide*	1303-28-2	215-116-9	0.005	N.D.
9	Diarsenic trioxide*	1327-53-3	215-481-4	0.005	N.D.
10	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.05	N.D.
11	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4 221-695-9	0.05	N.D.
12	Lead hydrogen arsenate*	7784-40-9	232-064-2	0.005	N.D.
13	Sodium dichromate* (Sodium dichromate, dehydrate)	10588-01-9 (7789-12-0)	234-190-3	0.005	N.D.
14	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.05	N.D.
15	Triethyl arsenate*	15606-95-8	427-700-2	0.005	N.D.
16	Di-isobutyl phthalate(DIBP)	84-69-5	201-553-2	0.05	N.D.
17	2,4-Dinitrotoluene	121-14-2	204-450-0	0.05	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
18	Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	0.05	N.D.
19	Anthracene oil	90640-80-5	292-602-7	0.05	N.D.
20	Anthracene oil, anthracene paste; distn. Lights	91995-17-4	295-278-5	0.05	N.D.
21	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.05	N.D.
22	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.05	N.D.
23	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.05	N.D.
24	Coal tar pitch, high temperature	65996-93-2	266-028-2	0.05	N.D.
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	215-693-7	0.005	N.D.
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)*	12656-85-8	235-759-9	0.005	N.D.
27	Lead chromate*	7758-97-6	231-846-0	0.005	N.D.
28	Acrylamide	79-06-01	201-173-7	0.05	N.D.
29	Boric acid*	10043-35-3 11113-50-1	233-139-2 234-343-4	0.005	N.D.
30	Disodium tetraborate, anhydrous*	1330-43-4 12179-04-3 1303-96-4	215-540-4	0.005	N.D.
31	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	0.005	N.D.
32	Trichloroethylene	79-01-6	201-167-4	0.05	N.D.
33	Sodium chromate*	7775-11-3	231-889-5	0.005	N.D.
34	Ammonium dichromate*	7789-09-5	232-143-1	0.005	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
35	Potassium dichromate*	7778-50-9	231-906-6	0.005	N.D.
36	Potassium chromate*	7789-00-6	232-140-5	0.005	N.D.
37	Cobalt(II) sulphate*	10124-43-3	233-334-2	0.005	N.D.
38	Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.005	N.D.
39	Cobalt(II) carbonate*	513-79-1	208-169-4	0.005	N.D.
40	Cobalt(II) diacetate*	71-48-7	200-755-8	0.005	N.D.
41	2-Methoxyethanol	109-86-4	203-713-7	0.05	N.D.
42	2-Ethoxyethanol	110-80-5	203-804-1	0.05	N.D.
43	Chromium trioxide*	1333-82-0	215-607-8	0.005	N.D.
44	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2 -	231-801-5 236-881-5 -	0.005	N.D.
45	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.05	N.D.
46	2-ethoxyethyl acetate	111-15-9	203-839-2	0.05	N.D.
47	1,2-benzenedicarboxylic acid, di-C6-8-branced alkyl esters, C7-rich	71888-89-6	276-158-1	0.05	N.D.
48	1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.05	N.D.
49	1,2,3-trichloropropane	96-18-4	202-486-1	0.05	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
50	Hydrazine	7803-57-8 302-01-2	206-114-9	0.05	N.D.
51	Strontium chromate*	7789-06-2	232-142-6	0.005	N.D.
52	1,2-Dichloroethane	107-06-2	203-458-1	0.05	N.D.
53	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.05	N.D.
54	2-Methoxyaniline o-Anisidine	90-04-0	201-963-1	0.05	N.D.
55	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.05	N.D.
56	Aluminosilicate Refractory Ceramic Fibres* (RCF)	650-017-00-8 (Index no.)	-	0.005	N.D.
57	Arsenic acid*	7778-39-4	231-901-9	0.005	N.D.
58	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.05	N.D.
59	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6-	0.05	N.D.
60	Calcium arsenate*	7778-44-1	231-904-5	0.005	N.D.
61	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.005	N.D.
62	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.05	N.D.
63	Lead diazide*	13424-46-9	236-542-1	0.005	N.D.
64	Lead dipicrate*	6477-64-1	229-335-2	0.005	N.D.
65	Lead styphnate*	15245-44-0	239-290-2	0.005	N.D.
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.05	N.D.
67	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	0.005	N.D.
68	Phenolphthalein	77-09-8	201-004-7	0.05	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
69	Potassium hydroxyocta-oxodizincatedichromate*	11103-86-9	234-329-8	0.005	N.D.
70	Trilead diarsenate*	3687-31-8	222-979-5	0.005	N.D.
71	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)*	650-017-00-8 (Index no.)	-	0.005	N.D.
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.05	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.05	N.D.
74	Diboron trioxide*	1303-86-2	215-125-8	0.005	N.D.
75	Formamide	75-12-7	200-842-0	0.05	N.D.
76	Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5	0.005	N.D.
77	TGIC(1,3,5-tris (oxiranyl methyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	0.05	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	0.05	N.D.
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.05	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.05	N.D.
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	0.05	N.D.
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	0.05	N.D.
83	α,α-Bis[4-(dimethylamino) phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.05	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.05	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.05	N.D.
86	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	0.05	N.D.
87	Tricosafluorododecanoic acid	307-55-1	206-203-2	0.05	N.D.
88	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	0.05	N.D.
89	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	0.05	N.D.
90	4-(1,1,3,3-tetramethylbutyl) phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	-	0.05	N.D.
91	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	-	-	0.05	N.D.
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.05	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7 13149-00-3 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.05	N.D.
94	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	0.05	N.D.
95	Methoxy acetic acid	625-45-6	210-894-6	0.05	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.05	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	0.05	N.D.
98	N-pentyl-isopentylphtalate	-	-	0.05	N.D.
99	1,2-Diethoxyethane	629-14-1	211-076-1	0.05	N.D.
100	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.05	N.D.
101	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	0.05	N.D.
102	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.005	N.D.
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)*	1319-46-6	215-290-6	0.005	N.D.
104	Lead oxide sulfate (basic lead sulfate)*	12036-76-9	234-853-7	0.005	N.D.
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)*	69011-06-9	273-688-5	0.005	N.D.
106	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.005	N.D.
107	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	0.005	N.D.
108	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.005	N.D.
109	Lead cyanamidate*	20837-86-9	244-073-9	0.005	N.D.
110	Lead dinitrate*	10099-74-8	233-245-9	0.005	N.D.
111	Lead oxide (lead monoxide)*	1317-36-8	215-267-0	0.005	N.D.
112	Lead tetroxide (orange lead)*	1314-41-6	215-235-6	0.005	N.D.
113	Lead titanium trioxide*	12060-00-3	235-038-9	0.005	N.D.
114	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4	0.005	N.D.
115	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	0.005	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
116	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	0.005	N.D.
117	Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5	0.005	N.D.
118	Silicic acid, lead salt*	11120-22-2	234-363-3	0.005	N.D.
119	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.005	N.D.
120	Tetraethyllead*	78-00-2	201-075-4	0.005	N.D.
121	Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.005	N.D.
122	Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.005	N.D.
123	Furan	110-00-9	203-727-3	0.05	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.05	N.D.
125	Diethyl sulphate	64-67-5	200-589-6	0.05	N.D.
126	Dimethyl sulphate	77-78-1	201-058-1	0.05	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.05	N.D.
128	Dinoseb	88-85-7	201-861-7	0.05	N.D.
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.05	N.D.
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.05	N.D.
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.05	N.D.
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.05	N.D.
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.05	N.D.
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.05	N.D.

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135	o-aminoazotoluene	97-56-3	202-591-2	0.05	N.D.
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.05	N.D.
137	N-methylacetamide	79-16-3	201-182-6	0.05	N.D.
138	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	0.05	N.D.
139	Cadmium	7440-43-9	231-152-8	0.005	N.D.
140	Cadmium oxide*	1306-19-0	215-146-2	0.005	N.D.
141	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.05	N.D.
142	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]	-	-	0.05	N.D.
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.05	N.D.
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.05	N.D.
145	Dihexyl phthalate	84-75-3	201-559-5	0.05	N.D.
146	Trixylyl phosphate	25155-23-1	246-677-8	0.05	N.D.
147	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	0.05	N.D.
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	217-710-3	0.05	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
149	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	0.05	N.D.
150	Cadmium sulphide*	1306-23-6	215-147-8	0.005	N.D.
151	Lead di(acetate)*	301-04-2	206-104-4	0.005	N.D.
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.05	N.D.
153	Cadmium chloride*	10108-64-2	233-296-7	0.005	N.D.
154	Sodium perborate*; perboric acid, sodium salt*	-	239-172-9 234-390-0	0.005	N.D.
155	Sodium peroxometaborate*	7632-04-4	231-556-4	0.005	N.D.
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.05	N.D.
157	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.05	N.D.
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.05	N.D.
159	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	0.05	N.D.
160	Cadmium fluoride*	7790-79-6	232-222-0	0.005	N.D.
161	Cadmium sulphate*	10124-36-4; 31119-53-6	233-331-6	0.005	N.D.
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	0.05	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
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]	-	-	0.05	N.D.
164	1,3-propanesultone	1120-71-4	214-317-9	0.05	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.05	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.05	N.D.
167	Nitrobenzene	98-95-3	202-716-0	0.05	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	375-95-1 21049-39-8 4149-60-4	206-801-3	0.05	N.D.
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.05	N.D.
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.05	N.D.
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]	-	-	0.05	N.D.
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	- 206-400-3 221-470-5	0.05	N.D.
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	0.05	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
174	Perfluorohexane-1-sulphonic acid and its salts	355-46-4	206-587-1	0.05	N.D.
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 PlusTM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-	0.05	N.D.
176	Benz[a]anthracene	56-55-3	200-280-6	0.05	N.D.
177	Cadmium nitrate*	10325-94-7	233-710-6	0.005	N.D.
178	Cadmium carbonate*	513-78-0	208-168-9	0.005	N.D.
179	Cadmium hydroxide*	21041-95-2	244-168-5	0.005	N.D.
180	Chrysene	218-01-9	205-923-4	0.05	N.D.
181	Reaction products of 1,3,4-thiadiazolidine-2, 5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	-	0.05	N.D.
182	Benzo[ghi]perylene (BgP)	191-24-2	205-883-8	0.05	N.D.
183	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.05	N.D.
184	Disodium octaborate*	12008-41-2	234-541-0	0.005	N.D.
185	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.05	N.D.
186	Ethylenediamine	107-15-3	203-468-6	0.05	N.D.
187	Lead	7439-92-1	231-100-4	0.005	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
188	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.05	N.D.
189	Terphenyl hydrogenated	61788-32-7	262-967-7	0.05	N.D.
190	Dicyclohexyl phthalate(DCHP)	84-61-7	201-545-9	0.05	N.D.
191	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7	209-008-0	0.05	N.D.
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.05	N.D.
193	Benzo[k]fluoranthene	207-08-9	205-916-6	0.05	N.D.
194	Fluoranthene	206-44-0	205-912-4	0.05	N.D.
195	Phenanthrene	85-01-8	201-581-5	0.05	N.D.
196	Pyrene	129-00-0	204-927-3	0.05	N.D.
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.05	N.D.
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	-	0.05	N.D.
199	2-methoxyethyl acetate	110-49-6	203-772-9	0.05	N.D.
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	0.05	N.D.
201	4-tert-butylphenol	98-54-4	202-679-0	0.05	N.D.
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.05	N.D.
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.05	N.D.
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.05	N.D.

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No.	Substance Name	CAS number	EC number	Reporting Limit (%)	Concentration (%)
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	0.05	N.D.
206	1-vinylimidazole	1072-63-5	214-012-0	0.05	N.D.
207	2-methylimidazole	693-98-1	211-765-7	0.05	N.D.
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.05	N.D.
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.05	N.D.
210	Resorcinol	108-46-3	203-585-2	0.05	N.D.

Note:

1. RL = Reporting Limit, 0.1% (w/w) = 1,000 ppm = 1,000 mg/kg
2. N.D. = Not detected (< RL)

   N.A. = Not applicable for respective material type.

   The submitted sample was found to contain significant amount of specific element(s) of SVHC. Upon further test verification and also information provided from client, the possibility that the element(s) content originate from SVHC is very unlikely, even though their presence cannot be exclude entirely. It may be assumed that the detected element(s) have a non-SVHC source.
3. *.The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario. For detail information, please refer to the SGS REACH website: www.reach.sgs.com/substance-of-very-high-concern-analysis-information-page.htm

   The client is advised to review the chemical formulation to ascertain above metal substances present in the article. RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, sodium, chromium, chromium(VI), silicon, aluminum, zirconium, boron, and potassium respectively), except molybdenum RL=0.0005%
4. **. -TGIC is one of the isomers for TGIC compounds and hence, tested together. The reported test result is based the proposed ratio as according to ECHA dossier.
5. ***.The sample was diluted with solvent because of matrix effect, so there could be slight increase in MDL and it may have an effect on RL.
6. The results shown in this test report refer only to the sample(s) tested unless otherwise stated.
7. This test report is not related to Korea Laboratory Accreditation Scheme.

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Picture of Sample as Received :

AYHA20-06269.001

*** End of Report ***

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Test Report

고려대학교 KOREA UNIVERSITY

(02841) 73 Korea University Road, Seongbuk-Gu, Seoul, Korea TEL (02)2286-1312

Test Report Number : KUMC-MP-03

Initiation date : April 25, 2020

Client : CleanCU

Completion date : May 15, 2020

Representative for Client : 이경민

Address for Client : 경기도 김포시 고촌읍 태리로 179번길 85

CleanCu's 'K Copper Plus' film contains copper and has the ability to prevent infection by SARS-CoV-2, which causes COVID-19. Using CleanCU's K Copper Plus film in areas where COVID-19 is prevalent will help prevent the spread of the disease.

※ Verification of Virus Inactivating Ability

Test Substance Name:
Evaluation of inactivation of COVID-19 virus treated by CleanCU 'K Copper Plus' film

Test Result				
Test	Inactivation rate	Test Time	Result	Test Method
Inactivation test against COVID-19 virus	Inactivation rate(%) as compared to control	30 min	14.0%	Plaque assay
		2hours	38.1%	
		4hours	21.4%	
		8hours	36.5%	
		24hours	97.2%	

※ Condition for test
- Virus titer : $1X10^5$ PFU
- Test time : 30 minute, 2 hours, 4 hours, 8 hours, 24 hours
- Test temperature : (20 ± 2) ℃

※ Virus for test
- COVID-19 virus: SARS-CoV-2(nCoV-19/Korea/KUMC-01/2020)

※ Cell line for test
- Vero (Monkey kidney cell line)

Date of Issue : May 15, 2020

Reporter: Kyeong Ryeol Shin (Signature)
(Tel: 02-2286-1309)

Principal Investigator
Prof. Man-Seong Park (Signature)
Department of Microbiology, Korea University College of Medicine

Testing Institution
Korea University College of Medicine, Research and Business Foundation
(Biosafety Center / Korea Centers for Disease Control and Prevention approval number: KCDC-18-03-02) (Signature)

서울특별시 구로구 시흥대로 571
302호 (구로동,부호빌딩)
[별지 제42호서식]

공증인가 법무법인 이산

(전화) 02-858-6700
(팩스) 02-851-2803

등부 2020 년 제 1149호

Registered No. 2020-1149

인 증

NOTARIAL CERTIFICATE

위 진술서----------

에 기재된 글로벌피엠씨 주식회사 대표이사

김용남----------

은 본 공증인의 면전에서 위 사서증서에 자기가 기명날인 한 것임을 자인하였다.

GLOBAL PMC, INC.----------

President/CEO YONG-NAM KIM--

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personally appeared before me and admitted his(her) subscription to the attached Declaration----------

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2020년 07월 20일

이 사무소에서 위 인증한다.

This is hereby attested on this 20th day of Jul. 2020 at this office.

공증인가 법무법인 이산

서울남부지방검찰청

서울특별시 구로구 시흥대로 571,302호

(구로동, 부호빌딩)

Esan lawfirm

Seoul Southern
District Public Prosecutors` Office
302, 571, Siheung-daero, Guro-gu,
Seoul, Korea

이원영

공증담당 변호사 이 원 영

Signature of the Notary Public

Lee Won-Young

본 사무소는 인가번호 제4745호에 의거하여 1998년 11월 27일 법무부장관으로부터 공증인 업무를 행할 것을 인가 받았다.

This office has been authorized by the Minister of Justice, the Repubilc of Korea, to act as Notary Public Since 27, Nov. 1998 Under Law No.4745.