Test Report -*Products*



Report No.:	168469760b 002	Page 1 of 16
Client:	FLASHBAY ELECTRONICS	
Contact Information:	Building2, Jixun Industrial Park, Xinjiao, Dong'ao Villag Huiyang District, Huizhou City, Guangdong Province, I	-
Test item(s):	17 materials	
Identification/ Model No(s):	Lanyard - Access / AS, Conference /CON, Summit/SU Duo/ASD	IM, Access
Sample obtaining method:	Sending by customer	
Condition at delivery:	Test item complete and undamaged.	
Sample Receiving date:	2024-01-31	
Testing Period:	2024-02-01 to 2024-02-05	
Place of testing:	Chemical laboratory Shenzhen	

Test Specification:

1. Risk Assessment of Articles: Screening of substances of very high concern (SVHC) subject to the candidate list by European Chemical Agency (ECHA) according to Regulation (EC) No 1907/2006 and its amendments.

Test result:

SVHC concentration(s) < 0.1%

Other information:

The report 168469760b 002 supersedes report 168469760b 001. According to customer's requirement, added model no: Access Duo/ASD.

For and on behalf of TÜV Rheinland (Shenzhen) Co., Ltd.

rang

2024-10-31

Alvin Huang / Senior Project Engineer

Date

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

"Decision Rule" document announced in our website (https://www.tuv.com/landingpage/en/qm-gcn/) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.



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Material List:

Item:

Lanyard - Access / AS, Conference /CON, Summit/SUM, Access Duo/ASD

Material No.	Material	Color	Location
M001	Textile + printing	White/ red/ grey	Refer to photo
M002	Plastic	Black	Refer to photo
M003	Plastic	Black	Refer to photo
M004	Plastic	Black	Refer to photo
M005	Metal	Silvery	Refer to photo
M006	Metal	Silvery	Refer to photo
M007	Metal	Silvery	Refer to photo
M008	Textile	Black	Refer to photo
M009	Plastic	White	Refer to photo
M010	Metal + plating	Silvery/ black	Refer to photo
M011	Metal	Silvery	Refer to photo
M012	Metal	Silvery	Refer to photo
M013	Metal	Silvery	Refer to photo
M014	Metal	Silvery	Refer to photo
M015	Metal	Silvery	Refer to photo
M016	Textile + printing	Brown/ black	Refer to photo
M017	Textile + printing	Brown/ black	Refer to photo



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1. Screening of substances of very high concern (SVHC) subject to the candidate list by European Chemical Agency (ECHA) according to Regulation (EC) No 1907/2006 and its amendments

Obligation of Importer is necessary if the detected SVHC concentration in article level is >0.1%: To communicate information down the supply chain according to article. 33 of Regulation (EC) No 1907/2006. **OR**

- 1. Notification to ECHA, if the quantities of SVHC in the produced/imported articles are above 1 ton in total per year per company.
- 2. Provide sufficient information to ensure safe use of the article and, as a minimum, include the name of the substance, to their customers and on request to consumers within 45 days of the receipt of this request.
- Test Method: 1) SVOC: organic solvent extraction, determination by GC-MS/ECD
 - 2) VOC: organic solvent extraction, determination by GC-MS
 - 3) VVOC: headspace-GC/MS analysis
 - 4) non-VOC: organic solvent extraction, determination by LC-MS/MS.
 - 5) inorganics: acid digestion, determination by ICP-OES

Test Results:

		Result (%)
T001	M001 + M002 + M003 + M004 + M008 + M009 + M016 + M017	< RL
	M005 + M006 + M007 + M010 + M011 + M012 + M013 + M014 + M015	< RL

Abbreviation:

- < = Less than
- RL = Reporting Limit
- % = Percentage



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Remark:

(*1) The reporting limit for each individual SVHC in Candidate List by ECHA:

	Substances	CAS No.	Reporting Limit
1	4,4'- Diaminodiphenylmethane (A9)	101-77-9	0.01%
2	Benzyl butyl phthalate (BBP)	85-68-7	0.01%
3	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	0.01%
4	Dibutyl phthalate (DBP)	84-74-2	0.01%
5	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 / 3194-55-6 / 134237-50-6 / 134237-51-7 / 134237-52-8	0.01%
6	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	0.01%
7	2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.01%
8	Diisobutyl phthalate (DIBP)	84-69-5	0.01%
9	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	0.01%
10	Diarsenic pentaoxide (*2)	1303-28-2	0.01%
11	Diarsenic trioxide (*2)	1327-53-3	0.01%
12	Lead chromate (*2) (*3)	7758-97-6	0.01%
13	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) (*2) (*3)	12656-85-8	0.01%
14	Lead sulfochromate yellow (C.I. Pigment Yellow 34) (*2)	1344-37-2	0.01%
15	Trichloroethylene	79-01-6	0.01%
16	Chromium trioxide (*2)	1333-82-0	0.01%
17	Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid. (*2)	7738-94-5 / 13530-68-2	0.01%
18	Sodium dichromate) (*2) (*3)	7789-12-0 / 10588-01-9	0.01%
19	Potassium dichromate (*2) (*3)	7778-50-9	0.01%
20	Ammonium dichromate (*2) (*3)	7789-09-5	0.01%
21	Potassium chromate (*2) (*3)	7789-00-6	0.01%
22	Sodium chromate (*2) (*3)	7775-11-3	0.01%
23	Formaldehyde, oligomeric reaction products with aniline (technical MDA) (*10)	25214-70-4	0.01%
24	1,2-Dichloroethane (1,2-DCE)	107-06-2	0.01%
25	Bis(2-methoxyethyl) ether (DEGDB)	111-96-6	0.01%
26	Arsenic acid (*2)	7778-39-4	0.01%
27	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	0.01%
28	Dichromium tris(chromate) (*2) (*3)	24613-89-6	0.01%



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	Substances	CAS No.	Reporting Limit
29	Strontium chromate (*2) (*3)	7789-06-2	0.01%
30	Potassium hydroxyoctaoxodizincatedichromate (*2) (*3)	11103-86-9	0.01%
31	Pentazinc chromate octahydroxide (*2) (*3)	49663-84-5	0.01%
32	1-bromopropane (n-propyl bromide)	106-94-5	0.01%
33	Diisopentylphthalate	605-50-5	0.01%
34	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	0.01%
35	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	0.01%
36	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.01%
37	Bis(2-methoxyethyl) phthalate	117-82-8	0.01%
38	Dipentyl phthalate (DPP)	131-18-0	0.01%
39	N-pentyl-isopentylphthalate	776297-69-9	0.01%
40	Anthracene oil (*6)	90640-80-5	0.01%(*7)
41	Pitch, coal tar, high temperature (*6)	65996-93-2	0.01%(*7)
42	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated (OPEO) [covering well-defined substances and UVCB substances, polymers and homologues]	-	0.01%
43	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]	-	0.01%
44	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.01%
45	Dihexyl phthalate	84-75-3	0.01%
46	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	0.01%
47	Trixylyl phosphate	25155-23-1	0.01%
48	Sodium perborate, perboric acid, sodium salt (*2) (*5)	-	0.01%
49	Sodium peroxometaborate (*2) (*5)	7632-04-4	0.01%
50	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]	-	0.01%
51	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.01%
52	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.01%
53	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.01%
54	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.01%
55	Anthracene	120-12-7	0.01%
56	Bis(tributyltin) oxide (TBTO) (*4)	56-35-9	0.01%
57	Triethyl arsenate (*2)	15606-95-8	0.01%
58	Lead hydrogen arsenate (*2)	7784-40-9	0.01%



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	Substances	CAS No.	Reporting Limit
59	Cobalt dichloride (*2)	7646-79-9	0.01%
60	Acrylamide	79-06-1	0.01%
61	Anthracene oil, anthracene paste, distn. lights (*6)	91995-17-4	
62	Anthracene oil, anthracene paste, anthracene fraction (*6)	91995-15-2	0.040((*7)
63	Anthracene oil, anthracene-low (*6)	90640-82-7	0.01% (*7)
64	Anthracene oil, anthracene paste (*6)	90640-81-6	
65	Boric acid (*2) (*5)	10043-35-3 / 11113-50-1	0.01%
66	Disodium tetraborate, anhydrous (*2) (*5)	1303-96-4 / 1330-43-4 / 12179-04-3	0.01%
67	Tetraboron disodium heptaoxide, hydrate (*2) (*5)	12267-73-1	0.01%
68	2-Methoxyethanol	109-86-4	0.01%
69	2-Ethoxyethanol	110-80-5	0.01%
70	Cobalt(II) sulphate (*2)	10124-43-3	0.01%
71	Cobalt(II) dinitrate (*2)	10141-05-6	0.01%
72	Cobalt(II) carbonate (*2)	513-79-1	0.01%
73	Cobalt(II) diacetate (*2)	71-48-7	0.01%
74	Alkanes C10-C13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	0.01%
75	2-Ethoxyethyl acetate	111-15-9	0.01%
76	Hydrazine	302-01-2 / 7803-57-8	0.01%
77	1-Methyl-2-pyrrolidone (NMP)	872-50-4	0.01%
78	1,2,3-Trichloropropane	96-18-4	0.01%
79	Aluminosilicate Refractory Ceramic Fibres (RCF) (*8)	-	0.01%
80	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) (*8)	-	0.01%
81	2-Methoxyaniline,o-Anisidine	90-04-0	0.01%
82	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.01%
83	Calcium arsenate (*2)	7778-44-1	0.01%
84	Trilead diarsenate (*2)	3687-31-8	0.01%
85	N,N-dimethylacetamide (DMAC)	127-19-5	0.01%
86	Phenolphthalein	77-09-8	0.01%
87	Lead dipicrate (*2)	6477-64-1	0.01%
88	Lead diazide, Lead azide (*2)	13424-46-9	0.01%
89	Lead styphnate (*2)	15245-44-0	0.01%
90	1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme)	112-49-2	0.01%
91	1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)	110-71-4	0.01%
92	Diboron trioxide (*2) (*5)	1303-86-2	0.01%
93	Formamide (FOR)	75-12-7	0.01%
94	Lead(II) bis(methanesulfonate) (*2)	17570-76-2	0.01%
95	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	
96	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	0.01%



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	Substances	CAS No.	Reporting Limit
97	4,4'-bis(dimethylamino)benzophenone (Michler's ketone), MK	90-94-8	0.01%
98	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base), RMK	101-61-1	0.01%
99	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202- 027-5) or Michler's base (EC No. 202-959-2)] (*2)	2580-56-5	
100	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1- ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202- 027-5) or Michler's base (EC No. 202-959-2)] (*9)	548-62-9	0.01%
101	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\ge 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] (*9)	561-41-1	
102	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)] (*9)	6786-83-0	
103	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	0.01%
104	Pentacosafluorotridecanoic acid	72629-94-8	0.01%
105	Tricosafluorododecanoic acid	307-55-1	0.01%
106	Henicosafluoroundecanoic acid	2058-94-8	0.01%
107	Heptacosafluorotetradecanoic acid	376-06-7	0.01%
108	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA) (*11)	123-77-3	0.05%
109	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	0.01%
110	Hexahydromethylphthalic anhydride (MHHPA) [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	0.01%
111	N,N-dimethylformamide (DMF)	68-12-2	0.01%
112	1,2-Diethoxyethane	629-14-1	0.01%
113	Diethyl sulphate	64-67-5	0.01%
114	Methoxyacetic acid (MAA)	625-45-6	0.01%
115	Dimethyl sulphate	77-78-1	0.01%
116	N-methylacetamide	79-16-3	0.01%
117	Furan	110-00-9	0.01%



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	Substances	CAS No.	Reporting Limit
118	Methyloxirane (Propylene oxide)	75-56-9	0.01%
119	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.01%
120	Dibutyltin dichloride (DBTC) (*15)	683-18-1	0.01%
121	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	0.01%
122	4,4'-methylenedi-o-toluidine	838-88-0	0.01%
123	4,4'-oxydianiline and its salts	101-80-4	0.01%
124	4-Aminoazobenzene	60-09-3	0.01%
125	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	0.01%
126	6-methoxy-m-toluidine (p-cresidine)	120-71-8	0.01%
127	Biphenyl-4-ylamine	92-67-1	0.01%
128	o-aminoazotoluene	97-56-3	0.01%
129	o-Toluidine	95-53-4	0.01%
130	Acetic acid, lead salt, basic (*2)	51404-69-4	0.01%
131	Trilead bis(carbonate) dihydroxide (*2)	1319-46-6	0.01%
132	Lead oxide sulfate (*2)	12036-76-9	0.01%
133	[Phthalato(2-)]dioxotrilead (*2)	69011-06-9	0.01%
134	Dioxobis(stearato)trilead (*2)	12578-12-0	0.01%
135	Fatty acids, C16-18, lead salts (*2)	91031-62-8	0.01%
136	Lead bis(tetrafluoroborate) (*2)	13814-96-5	0.01%
137	Lead cyanamidate (*2)	20837-86-9	0.01%
138	Lead dinitrate (*2)	10099-74-8	0.01%
139	Lead monoxide (lead oxide) (*2)	1317-36-8	0.01%
140	Orange lead (lead tetroxide) (*2)	1314-41-6	0.01%
141	Lead titanium trioxide (*2)	12060-00-3	0.01%
142	Lead titanium zirconium oxide (*2)	12626-81-2	0.01%
143	Pyrochlore, antimony lead yellow (*2)	8012-00-8	0.01%
144	Pentalead tetraoxide sulphate (*2)	12065-90-6	0.01%
145	Silicic acid ($H_2Si_2O_5$), 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] (*2)	68784-75-8	0.01%
146	Silicic acid, lead salt (*2)	11120-22-2	0.01%
147	Sulfurous acid, lead salt, dibasic (*2)	62229-08-7	0.01%
148	Tetraethyllead (*2)	78-00-2	0.01%
149	Tetralead trioxide sulphate (*2)	12202-17-4	0.01%
150	Trilead dioxide phosphonate (*2)	12141-20-7	0.01%
151	Ammonium pentadecafluorooctanoate (APFO) (*12)	3825-26-1	0.01%
152	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.01%
153	Cadmium (*2)	7440-43-9	0.01%
154	Cadmium oxide (*2)	1306-19-0	0.01%



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	Substances	CAS No.	Reporting Limit
155	4-Nonylphenol, branched and linear, ethoxylated (NPEO) [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]	-	0.01%
156	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.01%
157	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4- aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.01%
158	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4- yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	0.01%
159	Lead di(acetate) (*2)	301-04-2	0.01%
160	Cadmium sulphide (*2)	1306-23-6	0.01%
161	Cadmium chloride (*2)	10108-64-2	0.01%
162	Cadmium fluoride (*2)	7790-79-6	0.01%
163	Cadmium sulphate (*2)	10124-36-4 / 31119-53-6	0.01%
164	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4- stannatetradecanoate (DOTE) (*13)	15571-58-1	0.01%
165	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) (*14)	-	0.01%
166	1,3-propanesultone (1,3-PS)	1120-71-4	0.01%
167	Nitrobenzene	98-95-3	0.01%
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 / 21049-39-8 / 4149-60-4 /	0.01%
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.01%
170	4,4'-isopropylidenediphenol (bisphenol A) (BPA)	80-05-7	0.01%
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 / 3830-45-3 / 3108-42-7	0.01%
172	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]	-	0.01%
173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.01%
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	-	0.01%
175	Chrysene	218-01-9	0.01%
176	Benzo[a]anthracene	56-55-3	0.01%
177	Cadmium nitrate(*2)	10325-94-7	0.01%
178	Cadmium hydroxide(*2)	21041-95-2	0.01%



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	Substances	CAS No.	Reporting Limit
179	Cadmium carbonate(*2)	513-78-0	0.01%
180	1,6,7,8,9,14,15,16,17,17,18,18- Dodecachloropentacyclo[12.2.1.1 ^{6,9} .0 ^{2,13} .0 ^{5,10}]octadeca-7,15- diene ("Dechlorane Plus"TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.01%
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]	-	0.01%
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride, TMA)	552-30-7	0.01%
183	Dicyclohexyl phthalate (DCHP)	84-61-7	0.01%
184	Terphenyl, hydrogenated	61788-32-7	0.01%
185	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.01%
186	Decamethylcyclopentasiloxane (D5)	541-02-6	0.01%
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.01%
188	Ethylenediamine (EDA)	107-15-3	0.01%
189	Lead (*2)	7439-92-1	0.01%
190	Disodium octaborate(*2) (*5)	12008-41-2	0.01%
191	Benzo[ghi]perylene	191-24-2	0.01%
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.01%
193	Benzo[k]fluoranthene	207-08-9	0.01%
194	Fluoranthene	206-44-0	0.01%
195	Phenanthrene	85-01-8	0.01%
196	Pyrene	129-00-0	0.01%
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	0.01%
198	2-methoxyethyl acetate	110-49-6	0.01%
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with \geq 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.01%
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)	-	0.01%
201	4-tert-butylphenol (PTBP)	98-54-4	0.01%
202	Diisohexyl phthalate (DiHexP)	71850-09-4	0.01%
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.01%
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.01%
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.01%
206	1-vinylimidazole	1072-63-5	0.01%
207	2-methylimidazole	693-98-1	0.01%
208	Butyl 4-hydroxybenzoate	94-26-8	0.01%
209	Dibutylbis(pentane-2,4-dionato-O,O')tin(*15)	22673-19-4	0.01%
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	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 (*13)	-	0.01%



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	Substances	CAS No.	Reporting Limit
212	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.01%
213	Orthoboric acid, sodium salt (*2) (*5)	13840-56-7	0.01%
214	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	0.01%
215	Glutaral	111-30-8	0.01%
216	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	-	0.01%
217	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	0.01%
218	1,4-dioxane	123-91-1	0.01%
219	4,4'-(1-methylpropylidene)bisphenol	77-40-7	0.01%
220	tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.01%
221	S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	0.01%
222	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	0.01%
223	 (±)-1,7,7-trimethyl-3-[(4- methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC) (3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2- one (1R,3E,4S)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1S,3Z,4R)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one (±)-1,7,7-trimethyl-3-[(4- methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1S,3E,4R)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1S,3E,4R)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1R,3Z,4S)-1,7,7-trimethyl-3-(4- methylbenzylidene)bicyclo[2.2.1]heptan-2-one 	- 1782069-81-1 95342-41-9 852541-25-4 36861-47-9 741687-98-9 852541-30-1 852541-21-0	0.01%
224	N-(hydroxymethyl)acrylamide	924-42-5	0.01%
225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	0.01%
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBPA)	79-94-7	0.01%
227	4,4'-sulphonyldiphenol	80-09-1	0.01%
228	Barium diboron tetraoxide(*2) (*5)	13701-59-2	0.01%



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	Substances	CAS No.	Reporting Limit
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	0.01%
230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.01%
231	Melamine	108-78-1	0.01%
232	Perfluoroheptanoic acid and its salts	-	0.01%
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3- heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4- (heptafluoropropyl)morpholine	-	0.01%
234	bis(4-chlorophenyl) sulphone	80-07-9	0.01%
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide (TPO)	75980-60-8	0.01%
236	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated EC / List no: 270-966-8 CAS no: 68512- 30-1	-	0.01%
237	Bumetrizole	3896-11-5	0.01%
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4- yl)phenyl]butan-1-one	119344-86-4	0.01%
239	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV- 329)	3147-75-9	0.01%
240	2,4,6-tri-tert-butylphenol	732-26-3	0.01%

- (*2) The substances are tested and calculated in terms of its respective elements and to the worst-case scenario. The report states the theoretical value of SVHC substances without consideration of the actual occurrence in the article.
- (*3) The substances are tested and calculated in terms of Cr (VI).
- (*4) The substance is tested and calculated in terms of Tributyl tin.
- (*5) The substances are tested and calculated in terms of boron element and the boron element may come from the compounds other than SVHCs.
- (*6) The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological materials), which are identified by its main constituents.
- (*7) Individual concentrations to the constituent of UVCB with an amount of < 0.01% were not considered by the calculation of the sum.
- (*8) The test results are based on microscopic and chemical evaluation.
- (*9) The substances are quantified in terms of Michler's ketone and Michler's base by LC-MS, as Michler's ketone or Michler's base was found exceeds 0.01%.



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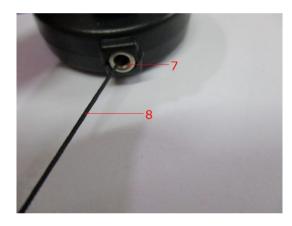
- (*10) The content oligomer is determined by Py-GC/MS.
- (*11) The content of diazene-1,2-dicarboxamide is analyzed in terms of its breakdown product.
- (*12) The substance is tested in terms of pentadecafluorooctanoate.
- (*13) The substance is tested and calculated in terms of Dioctyl tin.
- (*14) The substance is tested and calculated in terms of Monooctyl tin and Dioctyl tin.
- (*15) The substance is tested and calculated in terms of Dibutyl tin
- (*16) The tested material(s) was/were screened only for selected SVHCs. Selection of tests refers to the material type and application and the possibility of contamination during production & material specific contamination of the product.
- (*17) The other SVHCs which are not mentioned in test result were either not subject to testing according to remark *16 or than report limit.



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Sample Photos















Page 15 of 16

Sample Photos









Product



Product



Product



Page 16 of 16

Sample Photos



Product



Product



Product (provided by client)

- END -



General Terms and Conditions of Business of TÜV Rheinland in Greater China

- Scope These General Terms and Conditions of Business of TÜV Rheinland in Greater China (GTCR)) is made between the client and one or more member entities of TÜV Rheinland in Greater China as applicable as the case may be (TUV Rheinland). The Greater China hereof refers to the regions within the territorise of China. The client three of Incutates : a natural person capable to form legaly briding contracts under the applicable laws who concludes the contract notif the purpose of a daily use. Isgaily briding contracts under the applicable laws. The legaly briding contracts under the applicable beam contracts under the applicable laws who concludes the contract on the scope of contract performance. The following terms and conditions story to agreed services including consultancy services, information, deliveries and similar services as well as an calcing services and other secondary obligations provided within the scope of contract performance. Any standard terms and conditions of the client d'any instance bean not apply and shall hereby be Any standard terms and conditions of the client d'any instance bean may and china there is the applicable term the contract even in TUV Rheinland does not explicitly dject to them. The client and uncollisions of the client, d'any instance bean may and the alle apply by future contracts with the client without TUV Rheinland having to refer to them separately in each individual case. 11 0
- (ii) 1.2
- 13
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Quotations

Unless otherwise agreed, all quotations submitted by TÜV Rheinland can be changed by TÜV Rheinland without notice prior to its acceptance and confirmation by the other party.

Coming into effect and duration of contracts

- Coming into effect and duration of contracts The contract table come into effect for the apread terms upon the quotation letter of TÜV. Rheinland or a separate contractual document being signed by both contracting parties, or upon the works requested by the client being carried out by TÜV Rheinland. If the disk in instruct STUV Rheinland without receiving a quotation from TÜV Rheinland quotaton), TÜV Rheinland the disk in instruct sole discretion, entited to accept the order by giving writem notice of such acceptance (including notice sent via electronic many) or by performing the requested services. The contract term astruct prot he coming into effect of the contract. and shall continue for the term agreed in the contract. 3.2
- 3.3

Scope of services

- The scope and type of the services to be provided by TÜV Rheinland shall be specified in the contractually agreed service scope of TÜV Rheinland by both parties. If no such separate service scope of TÜV Rheinland suits, then the written confirmation of order by TÜV Rheinland shall be the service description (e.g., checking the correctness and functionality of parts, products, processes, installations, cognizations on Islend in the service description, agreed and use and application of such are not owed. In particular, no responsibility is assumed for the desgr, selection materials, constraintion or initiand use of an examined part, products, or plant, unless this is expressly statied in the order. 41
- 4.2 4.3
- The appeard services shall be performed in compliance with me regulatures in non-service and contract is entered into. TUV Rhenihand is entitled to determine, in its sole discretion, the method and nature of the assessment unless otherwise agreed in writing of it mandatory provisions regular a specific procedure to be followed. One contract the service shall be no simultaneous assumption of any guarantee of the Constraints of the upshally and vorting order of either tested or examined paths nor of the installation as a whole and its upstream and/or downstream processes, organisations, use and application in accordance with regulations, nor of the systems on which the installation is based in particular, TUV Rheinland shall assume no responsibility for the construction, selection of materials and assembly of installations are expressly covered by the contract. 4.4
- 4.5
- 47
- In particular, TUV Rheinland shall assume no responsibility for the construction, selection discretion of the selection and segments of the selection and sequences of the selection of the
- 4.9

Performance periods/dates

- 5.1
- 5.2
- 5.3
- 54
- Performance periods/dates The contractually agreed periods/dates of performance are based on estimates of the work involved which are prepared in line with the details provided by the client. They shall only be biology a period or dimension and the period of the theory of the period of the periods of periods and the periods and the periods and the periods and the periods of the periods and the periods of the periods 5.5
- to resume partormance. The elimits of biological or comply with legal, officially prescribed and/or by the accretion prescribed deadlines, it is the client's responsibility to agree on performance dates with TUV Rhenihand, which enable the client to comply with the legal and/or officially prescribed deadlines. TUV Rhenihand assumes no responsibility in this respect unless TUV Rhenihand deadlines. TUV Rhenihand assumes no responsibility in this respect unless the constructual objection of TUV 5.6

The client's obligation to cooperate

- The client shall guarantee that all cooperation required on its part, its agents or third parties will be provided in good time and at no cost to TÜV Rheinland. 6.1 6.2
- Design documents, supplies, auxiliary table to VM INTERTIENT. Design documents, supplies, auxiliary table data characteristic performance of the services shall be made available free of charge by the client. Moreover, collaborative action of the client must be undertaken in accordance with legal provisions, standards, safety regulations and accident prevention instructions. And the client represents and warrants that:

a) it has required statutory qualifications;

- b) the product, service or management system to be certified complies with applicable laws and regulations; and
- c) it doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and Dishonest Acts of People's Republic of China.
- If the client breaches the aforesaid representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contract/order without prior notice; and ii) withdraw the issued testing report/emiticates if any.
- 63 The client shall bear any additional cost incurred on account of work having to be redone or being delayed as a result of late, incorrect or incomplete information provided by or lack of proper cooperation from the client. Even where a fixed or maximum price is agreed, TÜV Rheinland shall be entitled to charge extra fees for such additional expense.

- If the scope of performance is not laid down in writing when the order is placed, invoicing shall be based on costs actually incurred. If no price is agreed in writing, invoicing shall be made in accordance with here fore list of TUP Whenland wild at the mid e performance. Unless otherwise agreed, work shall be invoiced according to the progress of the work. If the execution of an order extends on write mean one month and the value of the contract or the agreed fixed price exceeds £2,500.00 or equivalent value in local currency. TUP Rhenland may demand payments on account on in installments. 7.1 7.2 7.3

ment terms

- 8.1 8.2
- A linvoice amounts shall be due for payment within 30 days of the invoice date without deduction on receipt of the invoice. No discounts and rebates shall be granted. Payments shall be made to the bank account of TUV Rhenland as indicated on the invoice, staling the invoice and client numbers. Reviewed that the payment of the payment of the state of the state of the applicable short rem loss interest rate publicly amounted by a popublic commercial bank in the country where TUV Rheinland is located. At the same time, TUV Rheinland reserves the right to claim further damages. 8.3
- applicable shift term dark interest has possely announced up a representer commence trans-tine country when TUX Rehariants a located. At the same time. TUV Rehariant a tessers the right the the country when TUX Rehariants a located. At the same time. TUV Rehariant areases the right Should the client default in payment of the invoice despite being granted a reasonable grace protect. TUV Rehariants shall be entited to cancel the contract, withdraw the certificate, client damages for non-performance and refuse to continue performance of the contract. The provisions set forth in antice 48 Atali alian apply in cases involving returned cheques, cession of payment, commencement of insolvency proceedings has been damased due to lack of server. 8.4
- 8.5
- ets. ections to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of eiot of the invoice. ass Obj

This GTCB is only used for TÜV Rheinland Business Stream Products Version 6.0/April 2024

April 2024

- TÜV Rheinland shall be entitled to demand appropriate advance payments. TUV Rheinland shall be entitled to raise its fees at the beginning of a month if overheads and/or payments and the state of th
- Only legally established and undisputed claims may be offset against claims by TÜV Rheinland. TÜV Rheinland shall have the right at all times to setoff any amount due or payable by the client including but not limited to setoff against any fees paid by the client under any contracts agreement and/or ordersiguotations reached with TÜV Rheinland. 8.9 8.10
- Acceptance of work
- 9.1 Any part of the work result ordered which is complete in itself may be presented by TÜV Rheniand for acceptance as an instalment. The client shall be obliged to accept it immediately. If acceptance is required or contractually agreed in an individual case, this rails be detended to have taken place two (2) weeks after completion and handover of the work, unless the client refuses acceptance within this period stating at tasks or university of contract by TUV. 92
- Rheinland. The client is not entitled to refuse acceptance due to insignificant breach of contract by TÜV Rheinland 9.3 9.4
- Rheiland. Hacesptance is excluded according to the nature of the work performance of TUV Rheihand, the completion of the work shall take its place. During the Follow-Vadd stage, if the clerk was unable to make use of the time windows provided for within the scope of a certification procedure for auding/performance by TUV Rheihand and the certificate is therefore to be without (e.g. performance de suivaillance audits), or if the clerk Rheihand is entitled to immediately charge a lump-sum compensation of 10% of the order amount as comparation for expenses. The clerk reserves the right to prove that the TUV Rheihand has incurred no damage whatsoever or only a considerably lower damage than the show lump sum. 9.5
- Rheinland has incurred no durange whatsoever or using a unincurred, in above time sum, are as the client has undertaken in the contract to accept services. TUV Rheinland shall also be entided to charge tump-sum damages in the amount of 10% of the order amount as compensation for expenses if the service is not called within one year after the order has been placed. The client reserves the right to prove that the TUV Rheinland has lurred no damage whatsoever or only a considerably lower damage than the above mentioned lump sum. 0 6lns

10. Confidentiality

- between or only a considerably lower damage than the above mentioned lump sum. 10.3
- b) C)
- 10.4
- 10.5 a)
 - b) c)
 - d)
- 10.6 10.7

Copyrights and rights of use, publications

- TVV Rheinland shall retain all exclusive copyrights in the reports, expert reports/opinions, test reports/results, results, calculations, presentations etc. prepared by TDV Rheinland, unless otherwise agreed by the parties in a separate agreement. As the owner of the copyrights, TDV Rheinland is free to grant others the right to use the work results for individual or all types of use 11.1 11.2
- Rinehand is free to grant others the right to use the work results for individual or all types of use (right of use). The client receives a simple, unlimited, non-transferable, non-sublecensable right of use to the contents of the work results produced within the scope of the contract, unless otherwise agreed by the parties in a separate agreement. The client may only use such reports expent reports/pointon: Less the productiveable, uses a calculater, presentation set to prepared within the The instruction of the generated agreement. The client may only use such reports agreed to the parties in a separate agreement. The client may only use such reports agreed to allow the reports/pointon. The setup setup of the generated work results for the generated with the Tothe the former of right of use of the generated work results and unaborened. The client may use work results and unaborened. The client may use work results only complete and unaborened. The client may use work results only complete and unaborened. The client may only pass on the work results in 10 unes TUV Rheinfand has given is prior written correct to the partial passing on of work results. 11.3
- 11.4
- work results in full unless TUV Kheniand has given its pror written consent to the partial passing on d work result. Buyloadi on the work results for advertising purposes are any knetwer use has work results hayend the scope regulated in clause 11.2, and any apartision of the introduction of TUV Rheniand meet the prove written approval of TUV Rheniand in each individual case. Besides, the client ensures that the adressaid use shall comply with relevant applicable laves, regulators and relevant rules (including but not limited to specific applicable testing and certification rules, etc.). TUV Rheniand may revoke a once given approval according to clause 11.5 at any time without stating reasons. In this case, the client is obligad to stop the transfer of the work results immediately athis own separate and, to lar as possible, withofwar publications, not entitle the client to use the corporate logo, corporate design or test/certification mark of TUV Rheinland not statis or the corporate logo, corporate design or test/certification mark of TUV Rheinland not statis or an entities the corporate logo. Corporate design or test/certification mark of TUV Rheinland not statis or an entities the corporate logo. Corporate design or test/certification mark of TUV Rheinland not statis or an entities the statis or statis and the corporate logo. Corporate design or test/certification mark of TUV Rheinland not statis or an entities the statis or statis or statis and the corporate logo. Corporate design or test/certification mark of TUV Rheinland. 11.5
- 11.6
- 11.7

Liability of TÜV Rheinland 12.

- Liability of TÜV Rheinland
 Transported of the legal basis, to the fullest extent permitted by applicable law, in the event of a breach of contractul obligations or tor, the liability of UV Rheinland, the legal regresentatives and reimbursement of expenses caused by TUV Rheinland, the legal regresentatives and the structure of the stru 12.1
- 12.2 12.3
- 12.4
- 12.5
- 12.6 12.7

When passing on the services provided by TÜV Rheinland or parts thereof to third parties in Greater China or other regions, the client must comply with the respectively applicable regulations of naisonal and international expont control bar. The performance of a contract with the client is subject to the proviso that there are no obstacles to performance to a contract with the client is subject to the proviso that there are no obstacles to performance of a contract with the client is subject to the proviso that there are no obstacles to performance of a contract with the client is subject to the proviso that there are no obstacles to performance of a contract with the client is subject to the proviso that there are no obstacles to perform and the second 13.1 13.2

sanctions. In the event of a violation, TÜV Rheinland shall be entitled to terminate the contract with immediate effect and the client shall compensate for the losses incured thereof by TÜV Rheinland

14

Data protection notice The client understands and agrees that TUV Rheinland processes personal data (including but not imited to personal information) of the client and its related parties (including but not imited to personal information) of the client and its related parties (including but not imited to personal data that the client collected or processes by testion and transferred to TUV Rheinland. For certain services, we may also process sensitive personal data. TUV Rheinland to the personal data that the client collected or processes by testion and transferred to TUV Rheinland. For certain services, we may also process sensitive personal data. Tuv Rheinland to the personal data that the client collected or processes by testion and the proposal data and the client collected or process bar of the data security related these and protect the data in compliance with the privacy and personal data. The personal data and protect the data is acubject. TUV Rheinland will care masses to avoid any tabulage, share, manipulation, damage or unauthorized access of personal data. The personal data bar of the data in compliance with the privacy and personal data. The personal subject may exercise the following right: cifted in disprocessing have the right to revise their client of the data in compliance or unauthorized access of personal data. The personal subject may exercise the following right: cifted in disprocessing have the right to revise their conversites the data more responsible or contrast processor, personal data. The personal data by time with effect for the future, se well as the right to field and the respective data protection information. You can contrast the Group Data Protection Officer 101V2 Rheinland A, cio Group Data Protection Officer, Am Grauen Stein, 51105 Cologne, Germany.

- 15.1 15.2
- Jon of test material and documentation
 The test samples submitted by the elient to TÜV Rheinland for testing will be scrapped following testing or will be returned to the client at the client's experise. The only exceptions are test agreement with the client.
 Charges apply the test samples are stored at the premises of TUV Rheinland. The cost of placing a test sample into storage will be disclosed to the client to be placed in storage and the interplaced of the storage on the client to be placed in storage at their premises and the storage on the client to be placed in storage at their promesure into storage will be disclosed to the client in the quotation.
 If reference samples or documentations are given to the client to be placed in storage at their promesure interplaced on the reference samples and/or documentation, any lability claims for material and pecuniary damage resulting from the respective testing and certification that is brought forward to the client to the storage and/or documentation, any lability claims and GS mat controllable legal requirements for EUEC certificaties of contempts and GS mat controllable legal requirements for EUEC certificaties or contempts and GS mat controllable legal requirements for storage on the client, the remerses brome by the client again will be lability of the sorage on the client. To remeasing and and GS mat controllable legal requirements for EUEC certificaties of contempts and GS mat controllable. 15.3 15.4
- 16 Te

tion of the contract

- 16.1

- Instanding clause 3.3 of the GTCB, TUK Rheihand and the clear are entitled to terminate the fourth of the serie of a service combined in one contract, each of the combined part of the contract in starbing and independently of the contract, each of the combined part of the contract in the service and of the contract independently of the contract, each of the combined part of the contract independently of the contract, each of the contract independently of the contract, the service set is of the contract independently of the independently of the contract independently of the contract independently of the contract independently of the independently of the independently of the contract independently of the contract independently of the independen 16.3

18.3

19.1

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19.3

a) b)

c)

b)

c)

19.4

- 17.2
- example during the performance of monitoring audits). Clause 16.3 applies accordingly: temperature of the performance of monitoring audits). Clause 16.3 applies accordingly: the performance of the contrast of the performance of the perfore 17.3

hip The Parties are bound to perform their contractual duties even if events have rendered performance more onerous than could reasonably have been anticipated at the time of the conclusion of the

The Parties are bound to perform their contractual duties even if events have rendered performance more oneous than could reasonably have been anticipated at the time of the conclusion of the Monithistanding paragraph 1 of this Classe, where a Party proves that: (a) the continue performance of its constructual duties has become excessively onervoir due to an event beyond its reasonable control which it could not reasonably have been expected to have taken into account at the fine of the conclusion of the contract and that could not reasonably have avoided or concreme the event of the regotible alternitive contractual terms which reasonably allow to overcome the consequences of the event. Where Clause 18.2 applies, but where the Parties have been unable to agree alternative contractual terms as provided in frat paragraph. The Parties have been unable to agree alternative agreement of the chart of the chart of the contractual of the contract.

wallidity, written torm, place of jurisdiction and dispute resolution All amendments and supplements must be in writing in order to be effective. This also applies to amendments and supplements to this clause 17.1. Should one or availed of the provision stude the contract and/or these terms and conditions be Should one or availed on the provision stude the contract and/or these terms and conditions to the student of the provision stude the contract and/or the student of the valid provision that comes closest to the contract, and/or the valid provision in legal and commercial terms. Unless otherwise stipulated in the contract, the governing law of the contract and these terms and dTUV thenhalen (a pastion is legally registered and existing in the Poolsh's Republic of China, if TUV Thenhalm (a question is legally registered and existing in Taiwan, the contracting parties at the contracting is legally registered and existing in Taiwan, the contracting parties at the contracting is legally registered and existing in Taiwan, the contracting parties at TW thenhalm is lecantic to the the terms and conditions shall be governed by the laws of the contracting parties here the contract and these terms and conditions shall be governed by the laws of the Pools is the contract and become terms and conditions shall be governed by the laws of the contract and become terms and conditions shall be governed by the laws of the contract and the terms and conditions shall be governed by the laws of the contract and the terms and conditions shall be governed by the laws of the contract and the terms and conditions shall be governed by the laws of the contract and the terms and conditions shall be governed by the laws of the contract and the contract and the terms and conditions shall be governed by the laws of the and the contract and the terms and conditions shall be governed by the laws of the and the contract and the terms and conditions shall be governed by the laws of the and the terms and conditing the terms and c

IT TUY Rherinan in question is legally registered and existing in Hong Kong, the laws of Taiwn. If TUY Rherinan in question is legally registered and existing in Hong Kong, the contracting IT UV Rherinan in question is legally registered and existing in Hong Kong. The contracting the total the contract and these terms and conditions shall be governed by the laws of Hong Kong. Any dispute in connection with the contract and these terms and conditions of the execution thereof shall be settled friendly through negotiations. Use the context of the terms and conditions of the execution thereof shall be settled friendly through negotiations. The case of TUV Rherinand in question being legally registered and existing in the Receive Republic of Chris, to Chrise International Economic and Trade Arbitration Commission (DEFAG) usemission of the arbitration shall be place in Being. Shanghai, Shanchen or Chongaing as appropriately chosen by the claiming party. In the case of TUV Rherinand in question being legally registered and existing in the Taiwan, to Govern and Institution Association, Taipei to be listing legally registered and existing in Taiwan, to Govern Astrono Association, Taipei to be instituted and existing in Taiwan, to Govern Astrono Association, Taipei to be stituted and existing in Taiwan, to Govern Astrono Association, Taipei to be stituted and existing in Taiwan, to Govern Astrono Association, Taipei to be stituted and existing in Taiwan, to Govern Astrono Association, Taipei to be stituted and existing in Taiwan, to Govern Astrono Association, Taipei to be stituted and existing in Taiwan, to Govern Astrono Association, Taipei to be astrono fails to astrono throng Kong, to kong Kong International Abstration Cherre (HKIAC) to be setted by arbitration under the HKIAC Athenistered Astrono Astrono hastrono hastrono

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