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Report No.:168387494a 001Client:BOBUX INTERNATIONAL LTDContact Information:48 Broadway New market Aucland New Zeland 1023
anne@bobux.com

Contact Person: Anne O Donnel

Sample Description as Declared:

No. Of Sample	: One
Fibre Content	· · ·
Material	: Raw material
Finishing	: -
End Uses	: Kid Shoes
Colour	: Please refer to material list
Style No.	: •
Style Name#	: Super soft Washable Aniline(1.0-1.2mm) Ca.caramel
Order No./PO No.	: -
Standard	: -
Buyer's Name	: Bobux Int
Manufacturer's Name	: -
Ref.	: -
Applicant's Provided Care Instruction/Label:	-
Sample obtaining methe	od: Sending by customer
Condition at delivery:	Test item complete and undamaged.
Sample Receiving date:	2022-08-22
Testing Period:	2022-08-24 to 2022-08-29
Place of testing:	Chemical laboratory Shenzhen, Textiles laboratory Shenzhen

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

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Joby Sun/Jason Qiu/2022-09-08Senior Project Manager2022-09-08Lab SupervisorDateName/PositionDateName/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

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"Decision Kule" 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 app throughout this test report.

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SUMMARY OF TEST RESULTS

Test parameter	Conclusion	Remark
Banned azo dyes	PASS	-
Chromium VI Content After Aging in Leather	PASS	-
Dimethyl fumarate (CAS No.624-49-7)	PASS	-
Substances of Very High Concern(SVHC)	PASS	-
Abrasion Resistance - Taber Method	PASS	-
Colour Fastness To Rubbing	PASS	-
Colour Fastness To Water	PASS	-

Material List:

Material No.	Material	Color	Location
M001	Leather	Brown	Leather



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1. Banned azo dyes

Test Method:

Method 1 - EN ISO 14362-1:2017 (Textiles) (Buffer extraction) Method 2 - EN ISO 14362-1:2017 (Textiles) (Xylene extraction) Method 3 - ISO 17234-1:2020 (Leather) Method 4 - EN ISO 14362-3:2017 (Textile, 4-aminoazobenzene confirmation) Method 5 - ISO 17234-2:2011 (Leather, 4-aminoazobenzene confirmation)

Test Results:

					Material No.	M001
		Test No				T001-3
			<u>~~~~</u>		Method No.	Method 3
ID	Test Parameter	CAS NO	22 Confir Unit	matic RL	n Method No. Customer's	5 Result
					Requirement	
A1	4-Aminobiphenyl	92-67-1	mg/kg	5	30	< RL
A2	Benzidine	92-87-5	mg/kg	5	30	< RL
A3	4-Chloro-o-toluidine	95-69-2	mg/kg	5	30	< RL
A4	2-Naphthylamine	91-59-8	mg/kg	5	30	< RL
A5*	o-Aminoazotoluene	97-56-3	mg/kg	5	30	< RL
A6*	5-nitro-o-toluidine / 2-Amino-4- nitrotoluene	99-55-8	mg/kg	5	30	< RL
A7	4-Chloroaniline	106-47-8	mg/kg	5	30	< RL
A8	4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	30	< RL
A9	4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	5	30	< RL
A10	3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	30	< RL
A11	3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	30	< RL
A12	3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	30	< RL
A13	4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'- diaminodiphenylmethane	838-88-0	mg/kg	5	30	< RL
A14	p-Cresidine	120-71-8	mg/kg	5	30	< RL
A15	4,4'-Methylene-bis-(2- chloroaniline)	101-14-4	mg/kg	5	30	< RL
A16	4,4'-Oxydianiline	101-80-4	mg/kg	5	30	< RL
A17	4,4'-Thiodianiline	139-65-1	mg/kg	5	30	< RL
A18	o-Toluidine	95-53-4	mg/kg	5	30	< RL
A19	4-methyl-m-phenylenediamine / 2,4-Toluylendiamine	95-80-7	mg/kg	5	30	< RL
A20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	< RL
A21	O-Anisidine	90-04-0	mg/kg	5	30	< RL
A22**	4-Aminoazobenzene	60-09-3	mg/kg	5	30	< RL
*1	4-chloro-o-toluidinium chloride	3165-93-3	mg/kg	5	30	< RL
*2	2-Naphthyl-ammoniumacetate	553-00-4	mg/kg	5	30	< RL
*3	4-methoxy-m-phenylene diammonium sulphate; 2,4- diaminoanisole sulphate	39156-41-7	mg/kg	5	30	< RL
*4	2,4,5-trimethylaniline hydrochloride	21436-97-5	mg/kg	5	30	< RL
Conclusi						Pass
Overall (Conclusion					Pass



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Abbreviation: < = less than RL = Reporting Limit

mg/kg = milligram per kilogram

Remark:

- * The CAS-number 97-56-3 (A5) and 99-55-8 (A6) are further reduced to CAS-number 95-53-4 (A18) and 95-80-7 (A19).
- ** Azo colorants that are able to form 4-aminoazobenzene (A22) CAS-number 60-09-3, generate under the condition of this method Aniline (CAS-number 62-53-3) and 1,4-phenylenediamine (CAS-number 106-50-3.)
- *** Azo colorants that are able to form 4-aminoazobenzene (A22), is confirmed by EN ISO 14362-3:2017 / ISO 17234-2:2011.
- **** Azo colorants are detected & quantified by GC/MS and confirmed by HPLC/DAD or HPLC/MSMS.
- ^{*1} The substance is tested and calculated in terms of 4-Chloro-o-toluidinium
- ^{*2} The substance is tested and calculated in terms of 2-Naphthylamine
- ^{*3} The substance is tested and calculated in terms of 4-Methoxy-m-phenylenediamine
- ^{*4} The substance is tested and calculated in terms of 2,4,5-Trimethylaniline
- ^{*5} The fibre composition stated on material list is claimed by client.
- ^{*6} Azo colorants A1 A22 being tested according to REACH regulation (EC) No. 1907/2006 and amendment no. 552/2009 Annex XVII Item 43 (formerly known as 2002/61/EC)



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2. Chromium VI Content After Aging in Leather

Test Method: Aging (24h, 80°C, humidity: ≤10%); EN ISO 17075-1:2017

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Customer's Requirement	Test Result
T001	M001	Chromium VI Content	mg/kg	3	3	< RL

Abbreviation: < = less than

RL = Reporting Limit mg/kg = milligram per kilogram

3.Dimethyl fumarate (CAS No.624-49-7)

Test Method: Organic solvent extraction, GCMS analysis

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Customer's Requirement	Test Result
T001	M001	Dimethyl fumarate	mg/kg	0.025	0.1	< RL

Abbreviation: < = less than

RL = Reporting Limit mg/kg = milligram per kilogram



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 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 of REACH 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 REACH. 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:

- SVOC: organic solvent extraction, determination by GC-MS/ECD
 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 Result:

Test No.	Material No.	Result (%)
T001	M001	< 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:

	Substance	CAS No.	Reporting Limit
1	4,4'- Diaminodiphenylmethane (MDA)	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	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	107-06-2	0.01%
25	Bis(2-methoxyethyl) ether	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%
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%
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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 \geq 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%
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	
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%

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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	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	0.01%
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%
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 ≥ 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	1
103	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	0.01%
104	Pentacosafluorotridecanoic acid	72629-94-8	0.01%

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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	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%
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%

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143	Pyrochlore, antimony lead yellow (*2)	8012-00-8	0.01%
144	Pentalead tetraoxide sulphate (*2)	12065-90-6	0.01%
145	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD),the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] (*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%
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	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)	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%

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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%
179	Cadmium carbonate(*2)	513-78-0	0.01%
180	1,6,7,8,9,14,15,16,17,17,18,18- Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10]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	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 $\ge 0.1\%$ 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	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%
212	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.01%
213	Orthoboric acid, sodium salt (*2) (*5)	13840-56-7	0.01%



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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	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 (±)-1,7,7-trimethyl-3-[(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1R,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one (1R,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%

Remark:

- (*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 confirmed and tested in terms of borate and the borate 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%.
- (*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 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 less than report limit.



: Refer to SATRA TM163	
<u>Requirement</u>	
Moderate damage	
Requirement	
4	
2-3	

7.Colour Fastness To Water

Test method	: ISO 11642: 2012
	<u>M001</u>
Colour change	4-5
Colour staining	
- Acetate	4-5
- Cotton	4-5
- Polyamide	4-5
- Polyester	4-5
- Acrylic	4-5
- Wool	4-5

<u>Requirement</u>
4
3



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Sample Photo



M001

- 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 ("GTCB") is made between the client and one or more member entities of TÜV Rheinland in Greater China as applicable as the case may be ("TÜV Rheinland"). The Greater China hare derived China, Hong Kong and Taiwan. The client hereof includes: a natural person capable to form legally binding contracts under the applicable laws who concludes the contract not for the purpose of a daily use; the incorporated or unincorporated entity duity organized, validly existing and capable to form legally binding contracts under the applicable law. The following terms and conditions apply to agreed services including consultancy services, obligations provided within the scope of contract performance. 1.1
- (ii) 12
- 1.3
- sungarous provided winin the scope of contract performance. Any standard terms and conditions of the client of any ruteurs shall not apply and shall hereby be drawn and the scope of the s 1.4

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

- uniting invo entries and Guration of contracts The contrast shall come into effect for the agreed terms upon the quotation letter of TÜV Reinland or a separate contractual document being signed by both contracting parties, or upon Reinland or a separate contractual document being signed by both contracting parties, or upon Reinland without receiving a quotation from TÜV Reinland (quotation), TÜV Reinland is, in its side discretion, emitties to accept the order by giving mitter notice of such acceptance (including notice sent via electronic means) or by performing the requested services. The contract term astrougen the complication of the contract is contract in acceptance (including in the same provide to the contract term will be estanded by it he same provide for the term agreed in the contract. 3.1
- 3.2 3.3

Scope of services

- Scope of services The scope and type of the services to be provided by TUV Rheinland shall be specified in the contractually agreed service scope of TUV Rheinland by both parties. If no such separate service scope of TOV Rheinland balls, then the motion contraction of order by TUV Rheinland balls between the service service of the service service service of the service service service service services and the service service service service service service services and the service services and the service service service service service service service services and the service service service service service service services and the services service in the order. The agreed services shall be performed in the order. The agreed services that be performed in compliance with the regulations in force at the time the contract is entired into. 4.1
- 4.2 4.3
- 4.4
- chreas (proper quality) and working order of either tested or examined parts nor of the lation as a whole and its upstream and/or downstream processes, organisations, use and cation in accordance with regulations, nor of the systems on which the installation is based. Initialar, TÜV Fihrindin shall assume no responsibility for the construction, selection of trials and assembly of installations examined, nor for their use and application in accordance egulations, unlike use quality and the expression yoursed by the contract.
- 4.5 46
- will regulatoris, turess trees descorts are expressly towerd by the contract. 4.8
- or an isolation contribute in the work result (lest reports, test results, expert reports, etc.) is and or and of the agreed services. This show paylies if the isolation service results and with results in the original of the intra of the agreed services. This show paylies if the isolation is not results in the original test of the agreed services. This show the test of the agreements with any interve third partyles) and statistical legal relationships with that those third partyles) according to gain test interve testing and certification services to be provided by third testing and certification testing and the agreements with any advect testing and certification testing and the statistical services are not directly provided by third testing and certification to the statistical services are not directly provided by third testing and certification testing and certification services to be provided by third parties (including but not provide by the statistical services are not directly provided by the statistical service are the statistical services are not directly provided by the statistical service service testing and/or cirification services to be provided by the statistical service results and particular by any other third service services. But the statistical service results and particular services are not an on an an event service result and and particular services are not an on an an event service result and the statistical service and particular services are not an on an an event service result and and and particular services are not an on an event service statistical service and adverse consequences such as failured statispeeding concellation numbers of the st 49

Performance periods/dates

- 5.1
- 5.2
- 5.3
- 5.4
- Performance period/sides
 The contracturely agreed periodikidates 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
 binding 1 being contineed as brinding VDV Rheinland in writing.
 I binding periodic digree the second secon 5.5
- performance. If the client is obliged to comply with legal, officially prescribed and/or by the accreditor prescribed deadlines, it is the client's responsibility to agree on performance dates with TUV Rhendrad, which enable the client to comply with the legal and/or diffusily prescribed deadlines. TVV writing specifically stating that ensuring the deadlines is the contractual obligation of TUV Rheniand. 5.6

The client's obligation to cooperate

- 6.1 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. 6.2
- provide in good mining supplies, auxiliary staff, etc. necessary for 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 provention instructions. And the client represents and warrants that:
- It has required statutory qualifications; The product, service or management system to be certified complies with applicable laws and regulations; and b)
- 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. c)
- 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/certificates if any.
- 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. 6.3

7. Prices

- 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 loce list of UT Whenland wild at the ime of performance. Unless otherwise agreed, work shall be invoiced according to the progress of the work. If the execution of an order estands over more than one mosth and the value of the contract or the agreed fixed price exceeds £2,500.00 or equivalent value in local currency. TUV Rheinland wild at the invoiced accurrency. TUV Rheinland wild at the score of the agreed fixed price exceeds £2,500.00 or equivalent value in local currency. TUV Rheinland mig demand garwants on account or in installments. 7.1
- 7.2 7.3

Payment terms

August 2022

- 8.1 8.2
- 83
- Payment terms all innoice amounts shall be due for payment within 30 days of the invoice date without deduction on receipt of the invoice. No discourts and rebates shall be granted. The made to the bank account of TUV Reheinland as indicated on the invoice, stating the invoice and client numbers. In cases of default of payment, TUV Reheinland the entitled to claim default interest at the applicable short term loan interest rate publicly amounced by a reputable commercial bank in the country where TUV Reheinland is cloaded. At the same term TUV Reheinland escrete the term short where the term of the invoice despite being granted a reasonable grace partod. TUV Reheinland is located to cancel the contract, withdraw the certificate, datim damages for non-performance and refuse to contract mortax, withdraw tertured heques, despite and the circle of the invoice despite being granted a reasonable grace partod. TUV Reheinland shall be entited to cancel the contract, withdraw tertured heques, despite and the certificate, data the associated the certificate, data data grace for the natice 4 shall allo apply in cases involving tertured cheques, despite and the client client of the invoice proceedings against the client's assets or the payment, commencement of insolvency proceedings against the client's assets or 8.4
- damage The pr 8.5

ses in which the commencement of insolvency proceedings has been dismissed due to lack of ons to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of

- 8.7 8.8
- Objections to the involces of UVV Retenants areas we served receipt of the involces. TUV Rehinand shall be entitled to damand appropriate advance payments. TUV Rehinand shall be entitled to site is fixed at the beginning of a month if overheads and/or purchase costs have increased. In this case, TUV Rehinand shall notly the client in writing of the rise in fees. This is addressed in this case, TUV Rehinand shall notly the client in writing of the rise in fees. This is used one month prior to the date on which the true in leage are contractual year. He client shall be not have the right to humines the context of the prior that the right on the rise in the exceeded SNs per contractual year, the client shall be entited to the minate the changed fees shall be deemed to have been agreed young by the time of the surgify of the notice period.
- Only legally established and undisputed claims may be offset against claims by TÜV Rheinland. TÜV Rheinland shall have the right at all limes 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 orders/quotations reached with TÜV Rheinland.

9. Acceptance of work

- Any part of the work result ordered which is complete in itself may be presented by TÜV Rheriand for acceptance is an installment. The cleant shall be obliged to accept it immediately. If acceptance is required or contractivity agreed in an individual case, this will be detended to refuse acceptance is acceptance within this period a shall be at the obliged of the refuse acceptance within this period stating at least one fundmental breach of contract by TÜV Rherinand 9.1 9.2
- 93 . is not entitled to refuse acceptance due to insignificant breach of contract by TÜV
- 9.4 9.5
- Relational, in the time to increase acceptance due to intragrimicant interact to Contact of 100 Relational Tecospanies less clueidad according to the nature of the work performance of TÜV Rheinland, the completion of the work shall take its place. Upuning the Follow-Audit stage, if the otient was unable to make use of the time windows provided for within the scope of a certification procedure for auditrigherformance by TÜV Rheinland and the certificaties interactive to be withdown (e.g. performance of surveillance audit), or if the client cancels or postpones a confirmed audit date within two (2) weeks before the agreed date, TÜV Rheinland has incurred no damage whatsoever or only a considerably lower damage than the above lume sum:
- Rheindand has incurred no domage whatsoever or only a cursuleratory rever. servings ----above lump sum, Inoder as the client has undertaken in the contract to accept services, TUV Rheinland shall also be entitled to charge lump-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 incurred no damage whatsoever or only a considerably lower damage than the above mentioned lump sum. 9.6

10 Confidentiality 10.1

10.3

- Contentiable The purpose of these terms and conditions, "confidential information' means all know-how, fragments of the purpose of these terms and conditions, "confidential information' data, test results, tepots, and the purpose of these terms and conditions, "confidential information' data, test results, tepots, and marking techniques and maraterials, tangble on transmission, data, test results, tensions, and marking techniques and maraterials, tangble on transmission, data, test results, tensions, and marking techniques and maraterials, tangble on transmission, data, test results, tensions, and marking techniques and maraterials, tangble on transmission, data, test results, tensions, and marking techniques and maraterials, tangble on transmission, data, test results, tensions, and marking techniques and maraterials, tangble on transmission, data, test results, tension, and tension is expression of services to T. The disclosmical sexpression of the data obtained in convertices and analysing the provision of services. The tension of services by TDV Rheinland, torow tension, party, The same applies to confidential information transmitted by e-mail. I confidential formation is disclosed orally, the results and confidentially nature of the information within five formation is disclosed orally, the same applies to confidential information to the information within five test and any confidential information to company email of TUV Rheinland engloyees test shall send any confidential information to TUV Rheinland engloyees test shall send any confidential information to TUV Rheinland shallow. All confidential information to the disclosmic party test in the services to another test shall send any confidential information to the performation is disclosmice. All confidential information to the disclosmic party test in the service for the shallow and the second disclosmice above. TUV Rheinland shallow test shallow the test shall shallow test shall share any confidential information to the second disc
- a) b)
- c)
- 10.4
- 10.5 a)
- b) c) d)
- the receiving party already possessed this information prior to disclosure by the disclosing party, the receiving party developed it itself; integrative of disclosure by the disclosing party, that the receiving party developed it itself; imspective of disclosure by the disclosing party, and all conditional information and alreams the property of the disclosing party. The receiving party hereby agrees to immediately () return all confidential information, including all copies, to the disclosing party, morting, and () or received by the disclosing party. The receiving party hereby agrees to immediately () return all confidential information, including all copies, to the disclosing party in writing, at any time if so requested by the disclosing party but at the latest and without special reguest after termination or expiry of the contract. This does not extend to include reports and certificates prepared for the client sidely for the purpose of halfling the displayions the copies of axis, here the client sidely for the purpose of halfling the displayions procedures at TOV Rheinitad. The softward information received by the vectors the client sidely for the purpose of the copies of axis, party client and the compared by the displayions and the required by and procedures at TOV Rheinitad. 10.6
- 10.7
- 11. Copyrights and rights of use, publications
- Copyrights and rights of use, publications TUV Rheinical and Ireain al exactive copyright in the reports, expert reports/opirions, test reports/results, results, calculations, presentations etc. prepared by TUV Rheiniand, unless otherwise agreed by the parties in a separate agreement. As the owner of the copyright, TUV Rheiniand is free to grant others the right to use the work results for individual or all types of use (right of use). The client needwest is simple, minimized (non-transferided) for one-addicestable right of use to by the parties in a separate agreement. The client may only use as use therpost, experient reports/opirions, test report/results, results calculations, presentations etc. prepared within the scope of the contract for the construction agreed in favor of TUV Rheinland. The transfer of right of use of the generated work results regulated in clause 11.2, of the GTCB is subject to full parties of the removement The client or TUV Rheinland. The transfer of right of use of the generated work results regulated in Clause 11.2, of the GTCB is subject to full parties of the removement of the removement of TUV Rheinland. Any publication or duplication of the work results for advertising purposes or any further use of the work results. 11.1 11.2
- 11.3 11.4
- on of work results. Any publication of deplication of the work results for advertising purposes or any further use of the work results beyond the scope regulated in clause 11.2, and any guidation of the introduction of besides, the clause results and the deresal use as allow complex the scope of the introduction of besides, the clause that the deresal use as allow complex the scope of the introduction of deritation and relevant rules (including but not limited to specific applicable testing and certification nulse, cl.). a rouge integration of the scope of the scope of the scope of the Total of the scope of the immediately at his one scopes and, for any associations. The consent of TUV Rheinland to publication or deplication of the work results does not entitle the client to use the corporate design of restlications. 11.5
- 11.6 11.7
- Liability of TÜV Rheinland 12
- Liability of TÜV Rheinland Integracies of the legal basis, is the fulfield soften permitted by applicable law, in the sever of a breach of contractual ablgetone or tort, the liability of TÜV Rheinland for all damages, bases and employees shall be limited to: (i) in the case of a contract with a fixed overall fee, three limits of employees shall be limited to: (ii) in the case of a contract with a fixed overall fee, three limits of maximum of 20,000 Euro or equivalent amount in local currency, and (iii) in the case of a finamework agreement that provides for the possibility of placing individual orders, three times of the fee for the individual order under which the damages or losses have occurred, according to the forgoing provisions exceeds 2.5 Millions Euro equivalent amount in local currency, the total and accountated liability of TÜV Rheinland shall be only limited to and shall and exceed the said 2.5 Million Euro or equivalent amount in local currency. The timitation of liability according to article 12.1 above shall for gappy under the scene of a strainer or gaps and the strainer of the same of the scene of the set only find the scene of a currency, the total and accountated liability of TÜV Rheinland shall be only limited to and shall and exceed the said 2.5 Million Euro or equivalent amount in local currency. The timitation of liability according to article 12.1 above shall for gappy under the scene of a matter scene the said 2.5 Million Euro or equivalent amount in local currency is the scene or exceed 2.5 Million Businer exceed 4.2 and the scene of a scene of the said 10 stopping the scene or exceed 4.2 million the scene or exceed 4.2 million currency the scene or exceed 4.2 million or exceed 4.2 million the scene or exceed 4.2 million the scene or based of a million 10 scene or exceed 4.2 million the scene or exceed 4.2 million the scene or exceed 4.2 million 10 scene or exceed 4.2 millio 12.1
- 12.2
- 12.3
- bream (reasonably unexecute summary, many and the second semilable by the client to support TUV Rheninand in the performance of its services under the contract, unless such personnel made available is regarded as variances agent of TUV Rheninand. TUV Rheninand is not liable for the acts of the personnel made available by the client under the foregoing provision, the client shall indensity TUV Rheninand and against any clients made by this prime arising from Unless otherwise contractually agreed in writing, TUV Rheninand shall only be liable under the turned to the client shall indent. 12.4 12.5
- uness concreases contractually agreed in writing, TUV Rheinland shall only be liable under the contract to the client. The limitation periods for claims for damages shall be based on statutory provisions. None of the provisions of this article 12 changes the burden of proof to the disadvantage of the client. 12.6 12.7
 - Export control

13.

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 national and infermional export control law. The performance de a contract with the client is subject to the provisio that there are no obstacles to performance to a national or international foreign trade legislations or embargos and/or sanctions, in the event of a violation, TÜV Rheinland shall be entitled to terminate the contract who immediate effect and the client shall compressed for the losses income thered by TÜV. 13.1

with imme

Data protection notice

14.

Data protection notice The client understands and agrees that TUV Rheinland processes personal data (including but not initiate to personal information) of the client and its related parties (including but not initiate to personal information) of the client and its related parties (including but not initiate to personal information) of the client and its related parties (including but not initiate to personal data has the distinct collected or processed by itself and transferred to TUV Rheinland. For certain services, we may also process sensitive personal data. TUV Rheinland will use and process the data in accordinate with the relevant legal basis. If any personal data has the base distinguishes the data in according with the relevant legal basis. If any personal data has the data in compliance with the privacy ran oversaes party outside of the district in which the data is also client leavy third party or any oversaes party outside of the district in which the data is also client leavy that client out process the second data transferred to TUV Rheinland, data may the leave and the district measures to avoid any leakage, about, manipulation, damage or unambricted access of personal data. The personal data will be detected the following night and the initiate reveals the client and the second data transferrability. In addition, persons concerned by the data processing have the right of which client data protection supervised matching, its data processing have the right of the data transferrability. In addition, persons donthy, for late tap processing of personal data by TUV Rheinland data by due the following data protection of the low the following datases. TUV Rheinland by e-mail at diaprotecling the diston construction as the personal data by TUV Rheinland and the personal relevance to the diston one personal the following datases. TUV Rheinland by e-mail at diaprotecling the client one of the the following datases. TUV Rheinland by e-mail at diaprotecling the client and the following

15

- 15.1
- Retention of test material and documentation
 The test samples submitted by the client to TrÜV Rheinland for testing will be scrapped following
 testing or will be returned to the client at the client's expense. The only exceptions are test
 samples, which are placed in storage on the basis of statutory regulations or of another
 the sample into storage will be disclosed to the client in the quotation. The cost of placing
 a test samples or documentations are given to the client to be placed in storage at the
 premises, the reference samples or documentations must be made available to TUV Rheinland
 of making available the reference samples and conductmentation.
 The retention period for the documentation will be violed.
 The retention period for the documentation will be violed.
 The retention period for the documentation will be client to be espiny of the test marks
 the reference samples and the violed.
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 remember of the respective testing and certification of the test marks
 the reference and marks the samples and conductmentation.
 The retention period for the documentation will be loaded to the test marks
 the reference and mark the samples for storage on the client to period be test marks
 the reference and will be liable to the loss of test samples or reference samples
 from the laboratories or warehouses of TUV Rheinland only in case of gross negligence. 15.3
- 15.4 15.5

Termination of the contract

16.

16.1

- Formation of the contract
 Formation of the contract individually and independently of the contract, each of the contract is individually and independently of the contract is each of the contract individually and independently of the contract is each of the contract.
 For the contract is the individually and independently of the contract is each of the remaining is each of the contract individually and independently of the contract individually and independently of the contract is each of the remaining is each of the individually and independently of the contract individually and independently of the contract is each of the remaining is each of the individually and independently of the contract individually and the contract individually and independently of the contract individually and independently of the contract individually and the individually and independently of the contract individually and independently of the contract individually and independent individually and independently of the individual individually and independent individually and independent individually and independent individually and independent individually and individually andividually andividually and individually andividually andina indination of the individually andividually andividua
- 16.2 a)
- b) c) d)
- e) f)
- 16.3
- 16.4 **17.** 17.1
- 17.2. 17.3.
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(b)

18.3.

19

19.1

19.2

19.3

b)

c)

a)

b)

c)

19.4

Hardship 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 **18.** 18.1 more oncrus than could reasonably have been anticipated at the time of the conclusion of the contract. Contract of the second s 18.2

Partial invalidity, written form, place of jurisdiction and dispute resolution

Partial invalidity, written form, place of jurisdiction and dispute recolution All amendments and supplements must be in writing nords to be effective. This also applies to amendments and supplements must be invaring nords to be stress. This also applies to Shudd one or several of the provision under the contract and/or these terms and conditions be or become ineffective, the contracting parties shall replace the invalid provision with a legally valid provision that consections to the contract and these terms and conditions be and the contracting parties here the invalid provision in the gradient of the invalid conditions shall be chosen following the rules as below. If TVD Khelmalen questions is legally registered and desiting in the People's Republic of China, the contracting parties hereby agree that the contract and these terms and conditions shall be a TVD with a question is legally registered and existing in the People's contract and the stress that the contract and these terms and conditions shall be governed by the laws of Tawan.

¹¹ TÜV Rheinhand in guestion is legally registered and existing in Taiwan, the contracting patient of the contract and these terms and conditions shall be governed by the laws of Taiwan. ¹¹ TÜV Rheinhand in guestion is legally registered and existing in Hong Kong, the contracting the contract and these terms and conditions shall be governed by the contract and these terms and conditions of the execution thereof shall be settled friendly through negotiations. ¹¹ Tot Rheinhand in guestion is legally registered and existing in Hong Kong. ¹² And Guesting Contracting the contract and these terms and conditions of the execution thereof shall be settled friendly through negotiations. ¹² Unless otherwise signalistic in the contract, if no settlement or no agreement in respect of the Unless otherwise signalistic in the contract, and heng Kong. ¹² And ¹² UN Rheinhand in question being legally registered and existing in the People's Republic of China, to China thermational Economic and Trade Aduitation Commission (CEFTAG) to be settled by UN Rheinhand in question being legally registered and existing in Taiwan, to Chinese Arbitration Association, Taipe to be shifting and the claiming party. ¹² China de existing in Taiwan, to Chinese Arbitration Association, Taipe to be stifting and existing in Taiwan, to Chinese Arbitration Association, Taipe to be stifting and the claiming party. ¹² Chinese Arbitration and the toxical of the Notice of Arbitration data the toxical of the Arbitration Association, Taipe to be stifting and the stating in Taiwan, to Chinese Arbitration Association, Taipe to be stifting and existing in Thomg Kong. ¹³ Ong Kong International Arbitration Respired and existing in Taiwan, to Chinese Arbitration Association, Taipe to be stifting and a costing in the Notiong Kong International Arbitration Respired and thore arbitration and a stifting in Phong Kong. ¹³ Ong Kong International Arbitration Respired and thore arbitration and as a stifting the Phong Kong. ¹³ Ong Kong Internationa