



Client: Tianjin RABE R&PS Co., Ltd  
No.121 Lixin Industrial Park Village 2 Dual-Town Dual-Port Beichen  
District Tianjin,  
P.R. CHINA

Attn : /

Manufacturing place: Same as above

Test subject: Product: brake shoes  
Model: RB-111B, RB-115BR, RB-C111B, RB-983B, RB-205B,  
RB-C983B, RB-262B  
PO No.: 182543, 182660, 182979  
Buyer: MESSINGSCHLAGER GMBH&CO.KG

Test specification: Refer to next pages

Purpose of examination: Test according to the test specification

Test result: See data on following pages

Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL.

This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production.

Remarks : 1. The composting testing was required by the client  
2. The test items were specified by the applicant

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(China) Co., Ltd  
Shanghai Branch  
TÜV SÜD Group

Project No.: 70.300.18.20609.01-00

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Date: 2018-12-06

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**EXECUTIVE SUMMARY:**

TEST REQUESTED		CONCLUSION	Remark
1.	Polycyclic Aromatic Hydrocarbons (PAH) Content Test	Pass	-
2.	Organotin Compounds Content Test	Pass	-
3.	Total Cadmium Content Test	Pass	-
4.	Total Lead Content Test	Pass	-
5.	Short-Chain Chlorinated Paraffins (SCCP) Test	Pass	-
6.	Nonylphenol (NP) Content Test	Pass	-
7.	Octylphenol (OP) Content Test	Pass	-
8.	Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH	Meet	-
9.	Flame Retardants Test	Pass	-



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## 1. Description of the test subject

### 1.1 Technical Data

None

### 1.2 Test Item

No.	Description	Pictures	Judgement	Remark
001	Black soft plastic (-1)		Complied	-
002	Black soft plastic (-2)		Complied	-
003	Black soft plastic (-3)		Complied	-

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No.	Description	Pictures	Judgement	Remark
004	Black soft plastic (-4)		Complied	-
005	Black soft plastic (-5)		Complied	-
006	Black soft plastic (-6)		Complied	-

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No.	Description	Pictures	Judgement	Remark
007	Black soft plastic with red coating		Complied	-



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**2. Order**

**2.1 Date of Purchase Order, Customer's Reference**

2018-11-28

**2.2 Receipt of Test Sample, Location**

2018-11-29

No. 1999 Duhui Road, Shanghai, P.R.China  
TÜV SÜD Certification and Testing (China) Co., Ltd.  
Shanghai Branch

**2.3 Date of Testing**

2018-11-29 to 2018-12-05

**2.4 Location of Testing**

No. 1999 Duhui Road, Shanghai, P.R.China  
TÜV SÜD Certification and Testing (China) Co., Ltd.  
Shanghai Branch

**2.5 Points of Non-compliance or Exceptions of the Test Procedure**

None

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### 3. Test Results

#### 3.1 Polycyclic Aromatic Hydrocarbons (PAH) Content Test

Test according to German Committee on Product Safety (AfPS)

AfPS GS 2014:01 PAK Solvent extraction followed by GC-MS analysis

[Reporting Limit = 0.1mg/kg]

Parameter	Result [mg/kg]	Maximum Allowable Limit [mg/kg]
	007	
Benzo (a) anthracene	<0.1	<1
Chrysene	<0.1	<1
Benzo (b) fluoranthene	<0.1	<1
Benzo (j) fluoranthene	<0.1	<1
Benzo (k) fluoranthene	<0.1	<1
Benzo (a) pyrene	<0.1	<1
Benzo (e) pyrene	0.3	<1
Dibenzo (a,h) anthracene	<0.1	<1
<b>Sum</b>	0.3	-
<b>Conclusion</b>	Pass	-

Note: 1. "<" denotes less than

2. "mg/kg" denotes milligram per kilogram

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### 3.2 Organotin Compounds Content Test

Regulation (EC) No. 1907/2006 Annex XVII Item No. 20

Test with reference to DIN EN ISO 17353:2005, extraction with solvent, derivatization, GC-MS analysis  
[Reporting limit = 0.01 %]

<b>Maximum Allowable Limit:</b>  <b>(See Comment For The List Of Sample Type)</b>	<b>Type I</b>	<b>Tri-substituted organotin compounds: 0.1% by weight of tin (Sum)</b>
	<b>Type II</b>	<b>DBT: 0.1% by weight of tin</b>
	<b>Type III</b>	<b>DOT: 0.1% by weight of tin</b>

<b>Tested Item(s)</b>	<b>Unit</b>	<b>Result</b>
		<b>007</b>
Type	-	I, II & III
Sum of all tri-substituted organotin compounds (Refer to Appendix)	%	<0.01
DBT	%	<0.01
DOT	%	<0.01
<b>Conclusion</b>	-	Pass

Note: 1. "<" denotes less than  
2. "%" denotes percent by weight

### APPENDIX

<b>List of Organotin Compounds:</b>			
<b>Type</b>	<b>Name of Analytes</b>	<b>Type</b>	<b>Name of Analytes</b>
I	Tri-substituted organotin compounds - Tripropyltin (TPT) - Tributyltin (TBT) - Trioctyltin (TOT) - Triphenyltin (TPhT) - Tricyclohexyltin (TcyT)	III	Dioctyltin (DOT)
II	Dibutyltin (DBT)	-	-

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Comment:

List of Sample Type:	
Type	Description
I	Articles, or part thereof, placed on the market after 1 July 2010
II	Mixtures or articles, or part thereof, placed on the market after 1 January 2012, except materials and articles regulated under Regulation (EC) No 1935/2004; and for the following mixtures or articles, or part thereof, placed on the market after 1 January 2015, <ul style="list-style-type: none"> <li>– one-component and two-component room temperature vulcanisation sealants (RTV-1 and RTV-2 sealants) and adhesives,</li> <li>– paints and coatings containing DBT compounds as catalysts when applied on articles,</li> <li>– soft polyvinyl chloride (PVC) profiles whether by themselves or coextruded with hard PVC,</li> <li>– fabrics coated with PVC containing DBT compounds as stabilisers when intended for outdoor applications,</li> <li>– outdoor rainwater pipes, gutters and fittings, as well as covering material for roofing and façades.</li> </ul>
III	Articles, or part thereof, placed on the market after 1 January 2012, <ul style="list-style-type: none"> <li>– textile articles intended to come into contact with the skin,</li> <li>– gloves,</li> <li>– footwear or part of footwear intended to come into contact with the skin,</li> <li>– wall and floor coverings,</li> <li>– childcare articles,</li> <li>– female hygiene products,</li> <li>– nappies,</li> <li>– two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits)</li> </ul>

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### 3.3 Total Cadmium Content Test

Regulation (EU) 2016/217, amending Annex XVII to Regulation (EC) No 1907/2006 Entry 23.

EN 1122:2001 Method B and followed by Atomic Absorption Spectrophotometer (AAS) or Inductively Coupled Plasma Optical Emission Spectrophotometer (ICP-OES)

[Reporting Limit = 10.0 mg/kg]

Compounds	Tested item [mg/kg]	Maximum Allowable Limit [mg/kg]
	007	
Cadmium	<10.0	<100
<b>Conclusion</b>	Pass	-

Note: 1. "mg/kg" denotes milligram per kilogram  
2. "<" denotes less than

### 3.4 Total Lead Content Test

Acid Digestion and detection with Atomic Absorption Spectrophotometer (AAS) or Inductively Coupled Plasma Optical Emission Spectrophotometer (ICP-OES)

[Reporting Limit: 10.0 mg/kg]

Compounds	Tested item [mg/kg]	Client Limit [mg/kg]
	007	
Lead	<10.0	<500
<b>Conclusion</b>	Pass	-

Note: 1. "mg/kg" denotes milligram per kilogram  
2. "<" denotes less than

### 3.5 Short-Chain Chlorinated Paraffins (SCCP) Test

European Parliament and Council Regulation (EC) No. 850/2004 on Persistent Organic Pollutants (POPs) with Amendment up to (EU) 2015/2030

Extraction with n-Hexane and determined by GC-ECD/GC-MS

[Reporting Limit = 100 mg/kg]

Test Item(s)	Result [mg/kg]	Maximum Allowable Limit [mg/kg]	Conclusion
007	<100	<1500	Pass

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2. "<" denotes less than

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### 3.6 Nonylphenol (NP) Content Test

Regulation (EC) No. 1907/2006 Annex XVII Item No. 46

In house method, Solvent extraction and analysis by GC/MS

[Reporting Limit: 10 mg/kg]

Items	Results [mg/kg]	Maximum Allowable Limit [mg/kg]
	007	
Nonyl phenol (NP)	<10	<1000
Conclusion	Pass	-

Note: 1. "mg/kg" denotes milligram per kilogram  
2. "<" denotes less than

### 3.7 Octylphenol (OP) Content Test

In house method, Solvent extraction and analysis by GC/MS

[Reporting Limit: 10 mg/kg]

Items	Results [mg/kg]	Client Limit [mg/kg]
	007	
Octyl phenol (OP)	<10	<100
Conclusion	Pass	-

Note: 1. "mg/kg" denotes milligram per kilogram  
2. "<" denotes less than

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**3.8 Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH.**

- 1) Test portion is digested with acid, analyzed by ICP-OES and UV-VIS.
- 2) Organic solvent extraction, Analyzed by GC-MS, LC-MS, HPLC-DAD.

Tested Item(s)	Unit	Result		General Requirement
		Detected Analyte(s)	Conc.	
001+002+003+004+ 005+006+007	%	ND	<0.1	<0.1

Note:

1. “<” denotes less than, ND = not detected
2. Conc. = Concentration
3. Appendix I for each substance list
4. The analysis of 191 SVHC is done by currently available test & screening techniques against the SVHC candidate list published by European Chemical Agency (ECHA).  
Refer to <http://echa.europa.eu/web/guest/candidate-list-table> for details.
5. In accordance with regulation(EC) No. 1907/2006, any producer or importer of substances, preparations and articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if both the following conditions are met:
  - (a) The substance is present in those articles in quantities totalling over 1 tonne per producer or importer per year.
  - (b) The substance is present in those articles above a concentration of 0.1% weight by weight(w/w).
6. From 28 October 2008, EU & EEA suppliers whose goods contain substances on the Candidate List in a concentration above 0.1%(w/w) must provide sufficient information to their customers and on request to a consumer within 45 days of the receipt of this request. This information action must ensure safe use of the article and, as a minimum, include the name of the substance.

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### 3.9 Flame Retardants Test

With reference to US EPA 3550C, extraction with organic solvent and analyzed by GC-MS  
[Reporting Limit = 5 mg/kg]

Items	Results [mg/kg]	Client Limit [mg/kg]
	007	
Tris-(2,3-dibromopropyl)-phosphate (TRIS)	<5	ND
Tris(aziridinyl)phosphine oxide (TEPA)	<5	ND
Sum of detected PBBs	<5	ND
Sum of detected PBDEs	<5	ND
Conclusion	Pass	-

Note: 1. "N.D." denotes Not Detected (Detected limit: 5 mg/kg)  
2. "mg/kg" denotes milligram per kilogram



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## 4. Remark

None

## 5. Documentation

Product Photo



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## Appendix I

No.	Substance name	CAS No.	EC No.	Basis for identification as a SVHC
1	Triethyl arsenate**	15606-95-8	427-700-2	Carcinogenic
2	Anthracene	120-12-7	204-371-1	PBT
3	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	Carcinogenic
4	Dibutyl phthalate (DBP)	84-74-2	201-557-4	Toxic for reproduction
5	Cobalt dichloride**	7646-79-9	231-589-4	Carcinogenic
6	Diarsenic pentaoxide**	1303-28-2	215-116-9	Carcinogenic
7	Diarsenic trioxide**	1327-53-3	215-481-4	Carcinogenic
8	Sodium dichromate**	7789-12-0(1) 10588-01-9(2)	234-190-3	Carcinogenic; Mutagenic; Toxic for reproduction
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	vPvB
10	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	Equivalent level of concern having probable serious effects to the environment Toxic for reproduction
11	Hexabromo cyclododecane (HBCDD)	3194-55-6(3) 25637-99-4(4)	247-148-4, 221-695-9	PBT
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	PBT, vPvB
13	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	PBT
14	Lead hydrogen arsenate**	7784-40-9	232-064-2	Carcinogenic; Toxic for reproduction

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No.	Substance name	CAS No.	EC No.	Basis for identification as a SVHC
15	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	Toxic for reproduction
16	2,4-Dinitrotoluene	121-14-2	204-450-0	Carcinogenic
17	Anthracene oil <sup>##</sup>	90640-80-5	292-602-7	Carcinogenic, PBT, vPvB
18	Anthracene oil, anthracene paste, distn. Lights <sup>##</sup>	91995-17-4	295-278-5	Carcinogenic; Mutagenic, PBT, vPvB
19	Anthracene oil, anthracene paste, anthracene fraction <sup>##</sup>	91995-15-2	295-275-9	Carcinogenic; Mutagenic, PBT, vPvB
20	Anthracene oil, anthracene-low <sup>##</sup>	90640-82-7	292-604-8	Carcinogenic; Mutagenic, PBT, vPvB
21	Anthracene oil, anthracene paste <sup>##</sup>	90640-81-6	292-603-2	Carcinogenic; Mutagenic, PBT, vPvB
22	Diisobutyl phthalate	84-69-5	201-553-2	Toxic for reproduction
23	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres ( $\mu\text{m}$ ) c) alkaline oxide and alkali earth oxide ( $\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$ ) content less or equal to 18% by weight **	Index no. 650-017-00-8		Carcinogenic
24	Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres ( $\mu\text{m}$ ). c) alkaline oxide and alkali earth oxide ( $\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$ ) content less or equal to 18% by weight **	Index no. 650-017-00-8		Carcinogenic
25	Lead chromate**	7758-97-6	231-846-0	Carcinogenic; Toxic for reproduction

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No.	Substance name	CAS No.	EC No.	Basis for identification as a SVHC
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)**	12656-85-8	235-759-9	Carcinogenic; Toxic for reproduction
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)**	1344-37-2	215-693-7	Carcinogenic; Toxic for reproduction
28	Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	Toxic for reproduction
29	Coal tar pitch, high temperature##	65996-93-2	266-028-2	Carcinogenic, PBT, vPvB
30	Acrylamide	79-06-1	201-173-7	Carcinogenic; Mutagenic
31	Trichloroethylene	79-01-6	201-167-4	Carcinogenic
32	Boric acid**	10043-35-3 11113-50-1	233-139-2 / 234-343-4	Toxic for reproduction
33	Disodium tetraborate, anhydrous**	1330-43-4 12179-04-3	215-540-4	Toxic for reproduction
34	Tetraboron disodium heptaoxide, hydrate**	12267-73-1	235-541-3	Toxic for reproduction
35	Sodium chromate**	7775-11-3	231-889-5	Carcinogenic; Mutagenic; Toxic for reproduction
36	Potassium chromate**	7789-00-6	232-140-5	Carcinogenic; Mutagenic
37	Ammonium dichromate**	7789-09-5	232-143-1	Carcinogenic; Mutagenic; Toxic for reproduction
38	Potassium dichromate**	7778-50-9	231-906-6	Carcinogenic; Mutagenic; Toxic for reproduction
39	Cobalt(II) sulphate**	10124-43-3	233-334-2	Carcinogenic; Toxic for reproduction
40	Cobalt(II) dinitrate**	10141-05-6	233-402-1	Carcinogenic; Toxic for reproduction
41	Cobalt(II) carbonate**	513-79-1	208-169-4	Carcinogenic; Toxic for reproduction
42	Cobalt(II) diacetate**	71-48-7	200-755-8	Carcinogenic; Toxic for reproduction
43	2-Methoxyethanol	109-86-4	203-713-7	Toxic for reproduction
44	2-Ethoxyethanol	110-80-5	203-804-1	Toxic for reproduction
45	Chromium trioxide**	1333-82-0	215-607-8	Carcinogenic; Mutagenic
46	Acid generated from chromium trioxide and their oligomers: Chromic acid** Dichromic acid** Oligomers of chromic acid and dichromic acid**	7738-94-5 13530-68-2	231-801-5 236-881-5	Carcinogenic

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No.	Substance name	CAS No.	EC No.	Basis for identification as a SVHC
47	2-Ethoxyethyl acetate	111-15-9	203-839-2	Toxic for reproduction
48	Strontium Chromate**	7789-06-2	232-142-6	Carcinogenic
49	1,2-benzenedicarboxylic acid, di-C7-11 branched alkyl ester and linear alkyl ester	68515-42-4	271-084-6	Toxic for reproduction
50	Hydrazine	302-01-2 7803-57-8	206-114-9	Carcinogenic
51	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	Toxic for reproduction
52	1,2,3-trichloropropane	96-18-4	202-486-1	Toxic for reproduction
53	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl ester, C7-rich (DIHP)	71888-89-6	276-158-1	Toxic for reproduction
54	Dichromium tris(chromate)**	24613-89-6	246-356-2	Carcinogenic
55	Potassium hydroxyoctaoxodizincatedi-chromate**	11103-86-9	234-329-8	Carcinogenic
56	Pentazinc chromate octahydroxide**	49663-84-5	256-418-0	Carcinogenic
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	Carcinogenic
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	Toxic for reproduction
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	Carcinogenic
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	Equivalent level of concern
61	1,2-Dichloroethane	107-06-2	203-458-1	Carcinogenic
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	Toxic for reproduction
63	Arsenic acid**	7778-39-4	231-901-9	Carcinogenic
64	Calcium arsenate**	7778-44-1	231-904-5	Carcinogenic
65	Trilead diarsenate**	3687-31-8	222-979-5	Carcinogenic; Toxic for reproduction
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	Toxic for reproduction
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	Carcinogenic
68	Phenolphthalein	77-09-8	201-004-7	Carcinogenic
69	Lead azide, Lead diazide**	13424-46-9	236-542-1	Toxic for reproduction
70	Lead styphnate**	15245-44-0	239-290-0	Toxic for reproduction
71	Lead dipicrate**	6477-64-1	229-335-2	Toxic for reproduction
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	Toxic for reproduction

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73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	Toxic for reproduction
74	Diboron trioxide**	1303-86-2	215-125-8	Toxic for reproduction
75	Formamide	75-12-7	200-842-0	Toxic for reproduction
76	Lead(II) bis (methanesulfonate)**	17570-76-2	401-750-5	Toxic for reproduction
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	Mutagenic
78	$\beta$ -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	Mutagenic
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	Carcinogenic
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	Carcinogenic
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) <sup>#</sup>	548-62-9	208-953-6	Carcinogenic
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) <sup>#</sup>	2580-56-5	219-943-6	Carcinogenic
83	$\alpha,\alpha$ -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) <sup>#</sup>	6786-83-0	229-851-8	Carcinogenic
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol <sup>#</sup>	561-41-1	209-218-2	Carcinogenic
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	Persistent, bioaccumulative and toxic; very persistent and very bioaccumulative
86	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	Toxic for reproduction
87	Methoxy acetic acid	625-45-6	210-894-6	Toxic for reproduction; equivalent level of concern
88	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	Toxic for reproduction
89	1,2-Diethoxyethane	629-14-1	211-076-1	Toxic for reproduction
90	Hexahydro-2-benzofuran-1,3-dione (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	Equivalent level of concern
91	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	Equivalent level of concern

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92	4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	-	-	Equivalent level of concern
93	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	Very persistent and very bioaccumulative
94	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	Toxic for reproduction
95	Henicosafafluoroundecanoic acid	2058-94-8	218-165-4	Very persistent and very bioaccumulative
96	N-pentyl-isopentylphthalate (iPnPP)	776297-69-9	-	Toxic for reproduction
97	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	Very persistent and very bioaccumulative
98	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	-	Equivalent level of concern
99	Tricosafafluorododecanoic acid	307-55-1	206-203-2	Very persistent and very bioaccumulative
100	Lead bis(tetrafluoroborate)**	13814-96-5	237-486-0	Toxic for reproduction
101	Lead tetroxide (orange lead)**	1314-41-6	215-235-6	Toxic for reproduction
102	Diethyl sulphate	64-67-5	200-589-6	Carcinogenic; Mutagenic
103	Dinoseb	88-85-7	201-861-7	Toxic for reproduction
104	Lead Titanium Zirconium Oxide**	12626-81-2	235-727-4	Toxic for reproduction
105	Acetic acid, lead salt, basic**	51404-69-4	257-175-3	Toxic for reproduction
106	Furan	110-00-9	203-727-3	Carcinogenic
107	N-methylacetamide	79-16-3	201-182-6	Toxic for reproduction
108	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	Carcinogenic
109	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	Toxic for reproduction
110	4,4'-oxydianiline and its salts	101-80-4	202-977-0	Carcinogenic; Mutagenic
111	[Phthalato(2-)]dioxotrilead (Dibasic lead phthalate)**	69011-06-9	273-688-5	Toxic for reproduction
112	Lead titanium trioxide**	12060-00-3	235-038-9	Toxic for reproduction
113	Lead oxide sulphate**	12036-76-9	234-853-7	Toxic for reproduction
114	Lead dinitrate**	10099-74-8	233-245-9	Toxic for reproduction

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No.	Substance name	CAS No.	EC No.	Basis for identification as a SVHC
115	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	Carcinogenic
116	Lead cyanamide**	20837-86-9	244-073-9	Toxic for reproduction
117	Tetralead trioxide sulphate**	12202-17-4	235-380-9	Toxic for reproduction
118	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	Carcinogenic
119	Pyrochlore, antimony lead yellow**	8012-00-8	232-382-1	Toxic for reproduction
120	Trilead bis(carbonate)dihydroxide (basic lead carbonate)**	1319-46-6	215-290-6	Toxic for reproduction
121	Dimethyl sulphate	77-78-1	201-058-1	Carcinogenic
122	Dioxobis(stearato)trilead**	12578-12-0	235-702-8	Toxic for reproduction
123	Silicic acid, barium salt; lead-doped**	68784-75-8	272-271-5	Toxic for reproduction
124	Biphenyl-4-ylamine	92-67-1	202-177-1	Carcinogenic
125	Lead oxide (lead monoxide)**	1317-36-8	215-267-0	Toxic for reproduction
126	Pentalead tetraoxide sulphate**	12065-90-6	235-067-7	Toxic for reproduction
127	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	Carcinogenic; Mutagenic
128	Silicic acid, lead salt**	11120-22-2	234-363-3	Toxic for reproduction
129	Trilead dioxide phosphonate**	12141-20-7	235-252-2	Toxic for reproduction
130	o-aminoazotoluene	97-56-3	202-591-2	Carcinogenic
131	1-bromopropane	106-94-5	203-445-0	Toxic for reproduction
132	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	Carcinogenic
133	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	Carcinogenic
134	Tetraethyllead**	78-00-2	201-075-4	Toxic for reproduction
135	Sulfurous acid, lead salt, dibasic**	62229-08-7	263-467-1	Toxic for reproduction
136	Fatty acids, C16-18, lead salts**	91031-62-8	292-966-7	Toxic for reproduction
137	Diisopentylphthalate	605-50-5	210-088-4	Toxic for reproduction
138	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	Equivalent level of concern
139	Cadmium**	7440-43-9	231-152-8	Carcinogenic; Equivalent level of concern

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140	Cadmium oxide**	1306-19-0	215-146-2	Carcinogenic; Equivalent level of concern
141	Dipentyl phthalate (DPP)	131-18-0	205-017-9	Toxic for reproduction
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	-	Equivalent level of concern
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	Toxic for reproduction; PBT
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	Toxic for reproduction; PBT
145	Cadmium sulphide**	1306-23-6	215-147-8	Carcinogenic; Equivalent level of concern
146	Dihexyl phthalate	84-75-3	201-559-5	Toxic for reproduction
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	Carcinogenic
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	Carcinogenic
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	Toxic for reproduction
150	Lead di(acetate)**	301-04-2	206-104-4	Toxic for reproduction
151	Trixylyl phosphate	25155-23-1	246-677-8	Toxic for reproduction
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	Toxic for reproduction
153	Cadmium chloride**	10108-64-2	233-296-7	Carcinogenic Mutagenic Toxic for Reproduction Equivalent level of concern having probable serious effects to human health
154	Sodium perborate; perboric acid, sodium salt**	-	239-172-9 234-390-0	Toxic for reproduction
155	Sodium peroxometaborate**	7632-04-4	231-556-4	Toxic for reproduction

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No.	Substance name	CAS No.	EC No.	Basis for identification as a SVHC
156	Cadmium fluoride**	7790-79-6	232-222-0	Carcinogenic Mutagenic Toxic for reproduction Equivalent level of concern having probable serious effects to human health
157	Cadmium sulphate**	10124-36-4 31119-53-6	233-331-6	Carcinogenic Mutagenic Toxic for reproduction Equivalent level of concern having probable serious effects to human health
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	PBT vPvB
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	PBT vPvB
160	2-ethylhexyl 10-ethyl-4,4-diethyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	Toxic for reproduction
161	reaction mass of 2-ethylhexyl 10-ethyl-4,4-diethyl-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)	-	-	Toxic for reproduction
162	1,2-benzenedicarboxylic acid, di-C6-10-alkylesters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥0.3% of dihexyl phthalate	68515-51-5 68648-93-1	-	-
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane[1],5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane[2],	117933-89-8	-	-
164	1,3-propanesultone	1120-71-4	214-317-9	Carcinogenic
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	vPvB
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	vPvB
167	Nitrobenzene	98-95-3	202-716-0	Toxic for reproduction
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	Toxic for reproduction, PBT

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169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	Carcinogenic, Mutagenic, Toxic for reproduction, PBT, vPvB
170	4,4'-isopropylidenediphenol (Bisphenol A, BPA)	80-05-7	201-245-8	Toxic for reproduction
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2, 3830-45-3, 3108-42-7	206-400-3 - 221-470-5	Toxic for reproduction, PBT
172	p-(1,1-dimethylpropyl)phenol (pentylophenol, PTAP)	80-46-6	201-280-9	Equivalent level of concern having probable serious effects to the environment
173	4-Heptylphenol, branched and linear (4-HPbI) [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]	-	-	Equivalent level of concern having probable serious effects to the environment
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4	206-587-1	vPvB
175	1,6,7,8,9,14,15,16,17,18,18- 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]	-	-	vPvB
176	Benz[a]anthracene	56-55-3	200-286-6	Carcinogenic, PBT, vPvB
177	Cadmium nitrate**	10325-94-7	233-710-6	Carcinogenic, Mutagenic, Specific target organ toxicity after repeated exposure
178	Cadmium carbonate**	513-78-0	208-168-9	Carcinogenic, Mutagenic, Specific target organ toxicity after repeated exposure
179	Cadmium hydroxide**	21041-95-2	244-168-5	Carcinogenic, Mutagenic, Specific target organ toxicity after repeated exposure

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No.	Substance name	CAS No.	EC No.	Basis for identification as a SVHC
180	Chrysene	218-01-9	205-923-4	Carcinogenic, PBT, vPvB
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]	-	-	Endocrine disrupting properties
182	Terphenyl, hydrogenated	61788-32-7	262-967-7	vPvB
183	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	PBT, vPvB
184	Lead**	7439-92-1	231-100-4	Toxic for reproduction
185	Ethylenediamine (EDA)	107-15-3	203-468-6	Respiratory sensitising properties
186	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	PBT, vPvB
187	Disodium octaborate**	12008-41-2	234-541-0	Toxic for reproduction
188	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	Toxic for reproduction, Endocrine disrupting properties
189	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	PBT, vPvB
190	Benzo[ghi]perylene	191-24-2	205-883-8	PBT, vPvB
191	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	Respiratory sensitising properties

(1) CAS no. 7789-12-0 refers to sodium dichromate dihydrate

(2) CAS no. 10588-01-9 refers to anhydrous sodium dichromate

(3) CAS no. 3194-55-6 refers to a specific HBCDD - 1,2,5,6,9,10-hexabromocyclododecane

(4) CAS no. 25637-99-4 refers to unspecific HBCDD isomer composition

(5) CAS no. 1330-43-4 refers to disodium tetraborate, anhydrous

(6) CAS no. 12179-04-3 refers to sodium tetraborate, pentahydrate

(7) CAS no. 1303-96-4 refers to sodium tetraborate, decahydrate

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Date: 2018-12-06

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<http://www.tuv-sud.cn>

TÜV SÜD Certification and Testing  
 (China) Co., Ltd  
 Shanghai Branch  
 TÜV SÜD Group

No.151 Heng Tong Road  
 Shanghai, 200 070  
 P.R.China



## Remark:

1. PBT = Persistent, bio accumulative and toxic as defined in Regulation (EC) No 1907/2006
2. vPvB = Very persistent and very bio accumulative as defined in Regulation (EC) No 1907/2006
3. ND = Not Detected
4. \*\* The substances are tested in terms of its respective elements and the test result is based on the calculation of selected elements/marker(s) and to the worst-case scenario. Due to the limit of the analytical technology available, any further investigation is not feasible. The client is strongly advised to review the chemical formulation to ascertain.
5. ## The substances are UVCB(substance of unknown or variable composition, complex reaction products or biological materials), which are identified by its main constituents. Individual concentrations to the constituent of UVCB with an amount of <0.01% were not considered by the calculation of the sum. Calculation is based on the worst-case scenario. Due to the UVCB nature the reported values may be regarded as semi-quantitative.
6. # only applicable with  $\geq 0.1\%$  of Michler's ketone (CAS No. 90-94-8) or Michler's base (CAS No. 101-61-1)

Hardlines-MES

TÜV SÜD Certification and Testing (China) Co., Ltd.  
Shanghai Branch

Prepared by:

Rongrong.Song  
Project Engineer  
SHMES

Reviewed by:

Jiyu, Huang  
Technical Manager  
SHMES

~ End Of Report ~

Remarks :  
1. The composting testing was required by the client  
2. The test items were specified by the applicant

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## 1. General Information and Definitions

- (1.1) In the event that an order for any services is placed, the Client shall accept the General Terms and Conditions. The General Terms and Conditions shall be applicable to all orders, resulting contracts and other arrangements, including all offers made or services provided by the Company or any of its affiliated companies. They are not applicable if and as far as they are in conflict with the regulations on services performed on behalf of governments, government bodies or any other public entity, or they are in conflict with mandatory provisions of local law. The Client's placement of orders as well as the conclusion of contracts with the Company shall be regarded as awareness and acceptance of these General Terms and Conditions.
- (1.2) The Company strongly recommends any Client or potential Client to read the full text of these General Terms and Conditions prior to placement of any order to or conclusion of any contract with the Company. Ancillary agreements, promises and other statements made on the part of the Company staff or the experts called upon by them shall be binding only if they are expressly confirmed by the Company in writing. This shall also apply to any modifications of this clause.

## 2. Provision of Services

- (2.1) With due care and skill, the Company will provide services according to Client's specific instructions as made available by the Client. In the absence of Client's specific instructions, the following is deemed as instructions given to the Company:
  - (a) The terms of any standard specification sheet or standard order form provided by the Company; and/or
  - (b) Any relevant usage, practice or trade custom; and/or
  - (c) Such methods the Company considers technically, operationally and/or on financial grounds appropriate.
- (2.2) No other party is entitled to give any instructions particularly on the scope and type of the services or the reports delivered, or on the resulting certificates (the "Reports of Findings"), unless the Company receives prior written instructions to the contrary from the Client. The Client hereby irrevocably authorizes the Company to deliver Reports of Findings to a third party where so instructed by the Client or, at the Company's discretion, where it implicitly follows from circumstances, trade custom, usage or practice.
- (2.3) The information stated in the Report of Findings is derived from the results of inspection or testing procedures carried out in accordance with the instructions and/or Company's assessment of such results on the basis of any technical standards, trade custom or practice, or other circumstances which should in Company's professional experience be taken into account.
- (2.4) Reports of Findings issued after the testing of samples refer the Company's opinion only on samples under testing and not to the lot from which the samples were drawn.
- (2.5) Client agrees that the Company's sole responsibility is to be present at the time of the third party's intervention and to forward the results, or confirm the occurrence of the intervention, in case Client requests the Company to witness any third party's intervention. Client agrees that the Company will use the test methods for analysis as requested in the request form, and if none is stated in the form, the Company will choose the appropriate test methods for analysis.
- (2.6) The Reports of Findings issued by the Company will reflect the facts as recorded by it at the time of its intervention only and within the limits of the instructions received or, in the absence of such instructions, within the limits of the alternative parameters applied as provided for in Clause 2.1. The Company is under no obligation to refer to, or report upon, any facts or circumstances, which are outside the specific instructions received or alternative parameters applied.
- (2.7) The performance of all or part of the services may be delegated to an agent or subcontractor by the Company. The Client authorizes the Company to disclose all information necessary for such performance to the agent or subcontractor.
- (2.8) Documents reflecting engagements contracted between the Client and third parties or third party documents, e.g. sales contract copies, letters of credit, bills of lading, etc. should be made available to the Company. These are considered to be for information only, and do not extend or restrict the scope of the services or the obligations accepted by the Company.
- (2.9) The Company agrees that, by providing the services to the Client, it neither takes the place of Client or any third party, nor otherwise assumes, abridges, abrogates or undertakes to discharge any duty of the Client to any third party or that of any third party to the Client. Also, it does not release the Client or any third party from any of their obligations.
- (2.10) Depending on the nature of each sample, all samples given to the Company shall be retained for a maximum of 3 months or for such other shorter time period as the nature of the sample permits, and then sent back to Client or otherwise disposed of at the Company's discretion. After that time the Company will not be responsible for the samples. Storage of samples for more than 3 months shall incur a storage fee payable by the Client. If samples are returned to the Client, the Client will be billed a handling and freight fees. Special disposal charges will be billed to the Client if incurred.

## 3. Client's Obligations

The Client shall:

- (3.1) ensure that all required supporting documents, information and instructions as submitted are accurate, trueful and complete. These information are to be submitted in a timely not later than 2 working days from the date of which the services are requested by the Client
- (3.2) ensure to give all necessary access for the Company's representatives to the premises where the services are to be performed and to take all necessary steps to eliminate or remedy any obstacles to, or interruptions in the performance of the services;
- (3.3) make available any special equipment and personnel necessary for the performance of the services, if required;
- (3.4) ensure that for the safety and security of working conditions, sites and installations, all necessary measures are taken during the performance of services. In this respect, the Client will not rely on the Company's advice whether required or not;
- (3.5) inform the Company of any known hazards or dangers, actual or potential, associated with any order, samples, testing or any other service rendered by the Company well in advance. Those are, but are not limited to the presence or risk of radiation, environmental pollution or poisons- toxic or noxious or explosive elements or materials;
- (3.6) fully exercise all its rights and discharge all its liabilities under any relevant sales or other contract with a third party.

## 4. Fees and Payment

- (4.1) All fees not agreed on between the Company and Client at the time the order is placed or a contract is concluded shall be determined by the Company's Schedule of Fees (which are subject to change). All applicable taxes shall be paid by Client, as far as mandatory laws do not provide otherwise.
- (4.2) Unless a specific period is established in the invoice, the Client shall pay upon receiving the invoice, but not later than 30 days from the relevant invoice date or within such other period as may be established by the Company in the invoice (the "Due Date").
- (4.3) The Client shall not be entitled to retain or defer payment of any sums to the Company on account of any dispute, counter claim or set-off against the Company. The Company reserves the right to retain or defer any due payments if any dispute arises with or it raises any counterclaim against the Client. The Company is entitled to set off due payments against payments of the Client.

- (4.4) For the collection of unpaid fees, the Company may decide to bring action in any court with competent jurisdiction. The corresponding collection costs, including attorney's fees and related costs, shall be borne by the Client, as far as the mandatory local law does not provide otherwise.
- (4.5) In case of any unforeseen problems or expenses arise while carrying out the services, the Company informs the Client. In such cases, the Company shall be entitled to charge additional fees to cover extra time and to invoice extra costs necessarily incurred to complete the services.
- (4.6) If the Company is unable to perform all or parts of the services for any cause whatsoever beyond the Company's control, including the failure by Client to comply with any of its obligations provided for in the foregoing Clause 3, the Company shall nevertheless be entitled to payments of:
  - (1) The amount of all non-refundable expenses incurred by the Company; and
  - (2) A proportion of the agreed fee equal to the proportion of the services actually carried out.

## 5. Suspension or Termination of Services

In any case mentioned below, the Company shall be entitled to either suspend or terminate the provision of the services immediately and without any liability:

- (5.1) Failure by the Client to comply with any of its obligations under these General Terms and Conditions and such failure is not remedied within 10 days after a notice of such failure has been delivered to the Client; or
- (5.2) Any suspension of payment, arrangement with creditors, bankruptcy, insolvency, receivership or cessation of business by Client.

## 6. Liability and Indemnification

### 6.1 Limitation of Liability

- (1) Clients seeking a guarantee against loss or damage should obtain appropriate insurance. The Company is neither an insurer nor a guarantor and disclaims all liability in such capacity.
- (2) Reports of Findings are issued on the basis of the information, documents and/or samples provided by, or on behalf of the Client and solely for the benefit of the Client who is obliged to act on the basis of such Reports of Findings. Neither the Company nor any of its staff, agents or subcontractors shall be liable to the Client nor to any third party for any actions taken or not taken on the basis of such Reports of Findings, or for any incorrect results arising from unclear, erroneous, incomplete, misleading or false information provided to the Company.
- (3) For any delayed, total or partial non-performance of the services arising directly or indirectly from any event beyond the Company's control, including failure by Client to comply with any of its obligations hereunder, the Company shall not be liable.
- (4) The liability of the Company in respect of any claim for loss, damage or expense of any nature and howsoever arising shall in no circumstances exceed a total aggregate sum equal to 10 times the amount of the fee paid in respect of the specific service which gives rise to such claim, and shall in any case not exceed the equivalent of 25,000 EUR in CNY.
- (5) For any indirect or consequential loss (including loss of profits), the Company shall not have any liabilities.
- (6) In case of any claim, the Client must give written notice to the Company within 30 days of discovery of the facts with all necessary documents to justify such claim. In any case, the Company shall be discharged from all liability for all claims for loss, damage or expense unless a lawsuit is brought within two years from:
  - (i) the performance date of the Company for its services which refers to the claim; or
  - (ii) the date when the service should have been completed in the event of any alleged non-performance.

- (6.2) **Indemnification** Against all claims (actual or threatened) by any third party for loss, damage or expenses of whatsoever nature including all legal expenses and related costs and howsoever arising relating to the performance, purported performance or non-performance of any services, the Client shall guarantee, hold harmless and indemnify the Company and its officers, employees, agents or subcontractors.

## 7. Obligation of Confidentiality, Copyright, Data Privacy Protection

- (7.1) The Company shall be authorized to make file copies of written documents, which have been made available to it for review and which are important for processing the order.
- (7.2) Insofar as Reports of Findings are prepared in the course of processing the order and which are subject to the protection of copyright, then the Company shall grant the Client a simple, non-transferable right to use, insofar as this is necessary and in accordance with the contractually presupposed purpose. Other rights shall not be transferred; in particular, the customer shall not be entitled to modify and/or edit audit reports or to make use of such outside of his business premises.
- (7.3) The Company and its staff which may be called in shall not disclose or use trade and business matters about which they have gained knowledge during the performance of their work without proper authorization, or unless instructed by a court or authorized body (e.g. regulatory authority, accreditation body or certification scheme owner) or otherwise legally required.

## 8. Miscellaneous

- (8.1) The validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired, even if any one or more provisions of these General Conditions are found to be illegal or unenforceable in any respect.
- (8.2) Client shall not directly or indirectly entice, encourage or make any offer to Company's employees to leave their employment with the Company, during the course of providing the services and for a period of one year thereafter.
- (8.3) Use of the Company's corporate name or registered marks for advertising purposes is not permitted without the Company's prior written authorization.

## 9. Governing Law, Jurisdiction and Dispute Settlement

- (9.1) Unless specifically agreed otherwise, all disputes arising out or in connection with contractual relationship(s) hereunder shall be governed by the applicable laws and regulations of the People's Republic of China.
- (9.2) Place of performance for any obligation arising out of this contract shall be Shanghai, the Place of the TÜV SÜD Certification and Testing (China) Co., Ltd., Shanghai branch, unless otherwise expressly agreed by the parties.

## 10. Languages

In the event of any discrepancy between the English and the Chinese version of these General Terms and Conditions, the English version shall prevail.