

Report No.: **158244820a 001**

Page 1 of 21

Client: ONE FOR FUN LIMITED

Contact Information: 3-5 Cambuslang Way, Gateway Office Park, Cambuslang, Glasgow, G32 8ND

Manufacturer's name: USD027

Test item(s): Toys

Identification/ Model No(s): Snake 150cm Assorted / Cobra 150cm / Snake 3m
Item no.: SV15606 / SV15607 / SV15608

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2021-12-23

Testing Period: 2021-12-24 to 2022-01-03

Place of testing: Chemical laboratory Hong Kong, Toys laboratory Hong Kong

Test Specification:

Please refer to "Test Result Summary List" on page 2 for details

Other information:

Country of Origin: China
Country of Destination: EU

The provided age grade of the item(s) : Not Provided
As per client request, the item(s) was/ were tested for all ages.

Packaging provided: No

For and on behalf of
TÜV Rheinland Hong Kong Ltd.



Amenda Yung/
Project Manager

2022-01-06

Date

Name/Position



Wong Yiu Tong , Tommy/
Senior Lab Manager

2022-01-06

Date

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.
This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.
"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

Test Result Summary :***Test Specification:******Test result:***

- | | |
|---|------|
| 1 EN 71-1:2014+A1:2018 Mechanical and physical properties
(As per client request, Clause 7 - Warnings and instructions and 2009/48/EC
Labeling requirement were excluded in this test report) | PASS |
| 2 EN 71-2:2020 Flammability | PASS |
| 3 EN 71-3:2019+A1:2021 Migration of 19 Elements | PASS |
| 4 Total Cadmium Content - REACH regulation (EC) No. 1907/2006 Annex XVII
Item 23 and its amendments (EC) No. 552/2009, (EU) No. 494/2011, (EU) No.
835/2012 and (EU) No. 217/2016. | PASS |
| 5 REACH regulation (EC) No. 1907/2006 and its amendment regulations on Annex
XVII entry 51 and entry 52 : Phthalates | PASS |
| 6 Banned azo dyes in accordance to REACH regulation (EC) No. 1907/2006 and
amendment no. 552/2009 Annex XVII Item 43 (formerly known as 2002/61/EC) | PASS |

Test Report No.: 158244820a 001

Page 3 of 21

Material List:

Item: Snake 150cm Assorted / Cobra 150cm / Snake 3m

Item no.: SV15606 / SV15607 / SV15608

Material No.	Material	Color	Location
M001	Whole Product	Multicolor	[#SV15606]-Whole product;[#SV15607]-Whole product;[#SV15608]-Whole product
M002	Plastic	Transparent	[#SV15606]-Eyes;[#SV15607]-Eyes;[#SV15608]-Eyes
M003	Plastic + coating	Transparent/ black + red	[#SV15606]-Eyes;[#SV15607]-Eyes;[#SV15608]-Eyes
M004	Textile + coating	White + multicolor	[#SV15606]-Sewn-in label;[#SV15607]-Sewn-in label
M005	Textile + printing	White + multicolor	[#SV15606]-Body
M006	Textile + printing	White + multicolor	[#SV15606]-Body
M007	Textile + printing	White + multicolor	[#SV15606]-Body
M008	Textile + printing	White + multicolor	[#SV15606]-Body
M009	Textile + printing	White + multicolor	[#SV15606]-Body
M010	Textile + printing	White + multicolor	[#SV15606]-Body
M011	Textile + printing	White + multicolor	[#SV15607]-Body
M012	Textile + printing	White + multicolor	[#SV15608]-Body
M013	Textile + printing	White + multicolor	[#SV15608]-Body
M014	Textile	Red	[#SV15606]-Tongue;[#SV15607]-Tongue;[#SV15608]-Tongue
M015	Plastic	White	[#SV15606]-Washer;[#SV15607]-Washer;[#SV15608]-Washer
M016	Plastic	White	[#SV15606]-Inner rattle

Test Report No.: 158244820a 001

Page 4 of 21

1. EN 71-1:2014+A1:2018 Mechanical and physical properties

Test No:	T001
Material No:	M001
4.1 Material cleanliness	PASS
4.7 Edges	PASS
4.8 Points and metallic wires	PASS
4.20 Acoustics	PASS
5.1 General requirements	PASS
5.2 Soft-filled toys and soft-filled parts of a toy	PASS
7. Warnings, markings and instructions for use	
7.1 General	Not Conducted
7.2 Toys not intended for children under 36 months	Not Conducted
7.3 Latex balloons	Not Conducted
7.4 Aquatic toys	Not Conducted
7.5 Functional toys	Not Conducted
7.6 Hazardous sharp functional edges and points	Not Conducted
7.7 Projectile toys	Not Conducted
7.8 Imitation protective masks and helmets	Not Conducted
7.9 Toy kites	Not Conducted
7.10 Roller skates, inline skates, skateboards and certain other ride-on toys	Not Conducted
7.11 Toys otherwise intended to be strung across a cradle, cot, or perambulator	Not Conducted
7.12 Liquid-filled teethingers	Not Conducted
7.13 Percussion caps specifically designed for use in toys	Not Conducted
7.14 Acoustics	Not Conducted
7.15 Toy bicycles	Not Conducted
7.16 Toys intended to bear the mass of a child	Not Conducted
7.17 Toys comprising monofilament fibres	Not Conducted
7.18 Toy scooters	Not Conducted
7.19 Rocking horses and similar toys	Not Conducted
7.20 Magnetic/ electrical experimental sets	Not Conducted
7.21 Toys with electrical cables exceeding 300 mm in length	Not Conducted
7.22 Toys with cords or chains intended for children of 18 months and over but under 36 months	Not Conducted
7.23 Toys intended to be attached to a cradle, cot or perambulator	Not Conducted
7.24 Sledges with cords for pulling	Not Conducted
7.25 Flying toys	Not Conducted
7.26 Improvised projectiles	Not Conducted

Test Report No.: 158244820a 001

Page 5 of 21

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

Test Report No.: 158244820a 001

Page 6 of 21

2. EN 71-2:2020 Flammability**Test result:**

	Test No:	T001
	Material No:	M001
4.1 General requirements		PASS
4.5 Soft-filled toys		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

Test Report No.: 158244820a 001

Page 7 of 21

3. EN 71-3:2019+A1:2021 Migration of 19 Elements

Test Method: with reference to EN 71-3:2019+A1:2021, analyzed by ICP-OES / ICP-MS / LC-ICP-MS/IC-UV/GC-MS.

3) For scraped-off toy materials:
Test Result:

Test No.				T001	T002	T003
Material No.				M002	M004	M005
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	< RL	26	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	29
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	< RL	3.2	< RL
Boron (B)	mg/kg	10	15,000	< RL	< RL	< RL
Cadmium (Cd)	mg/kg	1	17	< RL	< RL	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL	< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL	2.8	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	3.0	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	< RL
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL
Strontium (Sr)	mg/kg	2.5	56,000	< RL	103	< RL
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL	< RL
Organic Tin^	mg/kg	0.2	12	-	-	-
Zinc (Zn)	mg/kg	10	46,000	< RL	< RL	< RL

Abbreviation: < less than
 RL = Reporting Limit
 mg/kg denotes milligram per kilogram
 ^ denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal

Test Report No.: 158244820a 001

Page 8 of 21

Test Result:

Test No.				T004	T005	T006
Material No.				M006	M007	M008
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	< RL	< RL	< RL
Antimony (Sb)	mg/kg	5	560	98	46	80
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	< RL	< RL	< RL
Boron (B)	mg/kg	10	15,000	< RL	< RL	< RL
Cadmium (Cd)	mg/kg	1	17	< RL	< RL	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL	< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL	< RL	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	< RL	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	< RL
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL
Strontium (Sr)	mg/kg	2.5	56,000	< RL	< RL	< RL
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL	< RL
Organic Tin [^]	mg/kg	0.2	12	-	-	-
Zinc (Zn)	mg/kg	10	46,000	< RL	< RL	< RL

Abbreviation:

- < less than
- RL = Reporting Limit
- mg/kg denotes milligram per kilogram
- [^] denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal

Test Report No.: 158244820a 001

Page 9 of 21

Test Result:

Test No.				T007	T008	T009
Material No.				M009	M010	M011
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	< RL	< RL	< RL
Antimony (Sb)	mg/kg	5	560	56	77	106
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	< RL	< RL	< RL
Boron (B)	mg/kg	10	15,000	< RL	< RL	< RL
Cadmium (Cd)	mg/kg	1	17	< RL	< RL	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL	< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL	< RL	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	< RL	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	< RL
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL
Strontium (Sr)	mg/kg	2.5	56,000	< RL	< RL	< RL
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL	< RL
Organic Tin [^]	mg/kg	0.2	12	-	-	-
Zinc (Zn)	mg/kg	10	46,000	< RL	< RL	< RL

Abbreviation:

- < less than
- RL = Reporting Limit
- mg/kg denotes milligram per kilogram
- [^] denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal

Test Report No.: 158244820a 001

Page 10 of 21

Test Result:

Test No.				T010	T011	T012
Material No.				M012	M013	M014
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	186	232	< RL
Antimony (Sb)	mg/kg	5	560	42	36	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	< RL	< RL	< RL
Boron (B)	mg/kg	10	15,000	< RL	< RL	< RL
Cadmium (Cd)	mg/kg	1	17	< RL	< RL	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL	< RL	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL	< RL	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL	< RL	< RL
Copper (Cu)	mg/kg	2.5	7,700	4.9	4.2	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	< RL	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	< RL
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL
Strontium (Sr)	mg/kg	2.5	56,000	< RL	< RL	< RL
Tin (Sn)	mg/kg	1.0	180,000	< RL	< RL	< RL
Organic Tin [^]	mg/kg	0.2	12	-	-	-
Zinc (Zn)	mg/kg	10	46,000	< RL	< RL	< RL

Abbreviation: < less than
 RL = Reporting Limit
 mg/kg denotes milligram per kilogram
[^] denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.6 mg/kg) or the components were confirmed to be pure metal

Remark:

- * Categorization of toys materials is based on the material texture. According to point H.11 of Annex H to EN 71-3:2019+A1:2021, cosmetic materials with dry, brittle, powder like or pliable texture such as lipstick and eyeshadow are considered as category I materials. However, as a reminder, it cannot preclude the possibility that some national enforcement authorities might take a more stringent action to treat cosmetic materials as sticky and evaluate according to category II requirement as they are intended to be applied on skin and retained for long time.

Test Report No.: 158244820a 001

Page 11 of 21

4.Total Cadmium Content

Test Method: For plastic: EN 1122:2001 (method B)
For metal and other material: Acid digestion, analyzed by AAS/ ICP-OES

Test Result:

Test No.	Material No.	Test Parameter	Unit	RL	Test Result
T001	M003	Trial 1	mg/kg	10	< RL
		Trial 2	mg/kg	10	-
		Average	mg/kg	10	-
T002	M004	Trial 1	mg/kg	10	< RL
		Trial 2	mg/kg	10	-
		Average	mg/kg	10	-
T003	M015 + M016	Trial 1	mg/kg	10	< RL
		Trial 2	mg/kg	10	-
		Average	mg/kg	10	-

Abbreviation: < = less than
RL = Reporting Limit
mg/kg = milligram per kilogram

Test Report No.: 158244820a 001

Page 12 of 21

Remark:

*Regulations on Cadmium

		Maximum Permissible Limit				
EU	Legislation	Plastic materials	Paint (wet state)	Paint on the painted articles	Paint (high zinc content)	Metal parts of jewellery and imitation jewellery articles and hair accessories
EC	REACH regulation (EC) No. 1907/2006 Annex XVII Item 23 and its amendments (EC) No. 552/2009, (EU) No. 494/2011, (EU) No. 835/2012 and (EU) No. 217/2016.	100mg/kg	100mg/kg	1000mg/kg	1000mg/kg	100mg/kg

		Maximum Permissible Limit
Country	Legislation	Paint, plastic, plating/ coating of surface treatment
Switzerland	Switzerland Chemikalien-Risikoreduktions-Verordnung-ChemRRV, 814.81, 18 May 2005	100mg/kg

Test Report No.: 158244820a 001

Page 13 of 21

5. Phthalates content

Test Method: Ref. to CPSC-CH-C1001-09.4

Test Result:

Test No.				T001	T002
Material No.				M003	M004
Test Parameter	CAS NO	Unit	RL	Result	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< RL	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< RL	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.005	< RL	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	< RL	< RL
Sum (DEHP+DBP+BBP+DIBP)	-	%	0.005	<RL	<RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.005	< RL	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.005	< RL	< RL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< RL	< RL
Sum (DINP+ DIDP+ DNOP)	--	%	0.005	<RL	<RL
Conclusion: REACH regulation (EC) No. 1907/2006 and its amendment Annex XVII entries 51 and 52				Pass	Pass

Test No.				T003
Material No.				M015 + M016
Test Parameter	CAS NO	Unit	RL	Result
Diethylhexyl phthalate (DEHP)	117-81-7	%	0.005	< RL
Dibutyl phthalate (DBP)	84-74-2	%	0.005	< RL
Benzylbutyl phthalate (BBP)	85-68-7	%	0.005	< RL
Diisobutyl phthalate (DIBP)	84-69-5	%	0.005	< RL
Sum (DEHP+DBP+BBP+DIBP)	-	%	0.005	<RL
Diisononyl phthalate (DINP)	28553-12-0, 68515-48-0	%	0.005	< RL
Diisodecyl phthalate (DIDP)	26761-40-0, 68515-49-1	%	0.005	< RL
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	< RL
Sum (DINP+ DIDP+ DNOP)	--	%	0.005	<RL
Conclusion: REACH regulation (EC) No. 1907/2006 and its amendment Annex XVII entries 51 and 52				Pass

Abbreviation: < = less than
 RL = Reporting Limit
 % = percentage

Remark:

Test Report No.: 158244820a 001

Page 14 of 21

- Requirement of REACH regulation (EC) No. 1907/2006 and its amendment Annex XVII entries 51 and 52:

Parameter	Unit	Maximum Permissible Limit
Plasticised materials in toys and childcare articles, or other articles# place on the market;		
Diethylhexyl phthalate (DEHP) Dibutyl phthalate (DBP) Benzylbutyl phthalate (BBP) Diisobutyl phthalate (DIBP)	%	0.1 (individually or sum of the four phthalates) Effective after 7 July 2020.
Plasticised materials in children's toy and childcare articles which can be placed in the mouth by children:		
Di-n-octyl phthalate (DNOP) Diisodecyl phthalate (DIDP) Diisononyl phthalate (DINP)	%	0.1 (sum of the three phthalates)

Denote:

Examples of articles that are excluded from the restriction

- 1) Articles exclusively for industrial / agricultural use / use in open air, provided that no plasticised material comes into contact with human mucous membranes or into prolonged contact with human skin (i.e. Continuous contact of more than 10 minutes duration or intermittent contact over a period of 30 minutes, per day.)
 - 2) Aircraft and motor vehicles (Directive 2007/46/EC) placed on the market before 7 January 2024, or articles for use exclusively in the maintenance or repair of them
 - 3) Measuring devices for laboratory use;
 - 4) Food contact material and articles within the scope of Regulation (EC) No 1935/2004 or Commission Regulation (EU) No 10/2011
 - 5) Medical devices (Directive 90/385/EEC, 93/42/EEC or 98/79/EC)
 - 6) Electrical and electronic equipment within the scope of Directive 2011/65/EU
 - 7) Immediate packaging of medicinal products (Regulation (EC) No 726/2004, Directive 2001/82/EC or Directive 2001/83/EC)
- Single component with an amount below reporting limit was not considered by the calculation of the sum. In the case of all phthalates were not detected, the result is stated <RL.

Test Report No.: 158244820a 001

Page 15 of 21

6. 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 17234-1:2015 (Leather)
 Method 4 - EN ISO 14362-3:2017 (Textile, 4-aminoazobenzene confirmation)
 Method 5 - ISO 17234-2:2011 (Leather, 4-aminoazobenzene confirmation)

Test Results:

ID	Test Parameter	Material No.				M005		M006	
		Test No.				T001-1	T001-2	T002-1	T002-2
		Method No.				Method 1	Method 2	Method 1	Method 2
		A22 Confirmation Method No.				4	4	4	4
		CAS NO	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
A1	4-Aminobiphenyl	92-67-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A2	Benzidine	92-87-5	mg/kg	5	30	< RL	< RL	< RL	< RL
A3	4-Chloro-o-toluidine	95-69-2	mg/kg	5	30	< RL	< RL	< RL	< RL
A4	2-Naphthylamine	91-59-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A5*	o-Aminoazotoluene	97-56-3	mg/kg	5	30	< RL	< RL	< RL	< RL
A6*	5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A7	4-Chloroaniline	106-47-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A8	4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A9	4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	5	30	< RL	< RL	< RL	< RL
A10	3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A11	3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A12	3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A13	4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A14	p-Cresidine	120-71-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A16	4,4'-Oxydianiline	101-80-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A17	4,4'-Thiodianiline	139-65-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A18	o-Toluidine	95-53-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A19	4-methyl-m-phenylenediamine / 2,4-Toluylenediamine	95-80-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A21	O-Anisidine	90-04-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A22**	4-Aminoazobenzene	60-09-3	mg/kg	5	30	< RL	< RL	< RL	< RL

Test Report No.: 158244820a 001

Page 16 of 21

		Material No.				M007		M008	
		Test No.				T003-1	T003-2	T004-1	T004-2
		Method No.				Method 1	Method 2	Method 1	Method 2
		A22 Confirmation Method No.				4	4	4	4
ID	Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
A1	4-Aminobiphenyl	92-67-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A2	Benzidine	92-87-5	mg/kg	5	30	< RL	< RL	< RL	< RL
A3	4-Chloro-o-toluidine	95-69-2	mg/kg	5	30	< RL	< RL	< RL	< RL
A4	2-Naphthylamine	91-59-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A5*	o-Aminoazotoluene	97-56-3	mg/kg	5	30	< RL	< RL	< RL	< RL
A6*	5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A7	4-Chloroaniline	106-47-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A8	4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A9	4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	5	30	< RL	< RL	< RL	< RL
A10	3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A11	3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A12	3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A13	4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A14	p-Cresidine	120-71-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A16	4,4'-Oxydianiline	101-80-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A17	4,4'-Thiodianiline	139-65-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A18	o-Toluidine	95-53-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A19	4-methyl-m-phenylenediamine / 2,4-Toluylenediamine	95-80-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A21	O-Anisidine	90-04-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A22**	4-Aminoazobenzene	60-09-3	mg/kg	5	30	< RL	< RL	< RL	< RL

Test Report No.: 158244820a 001

Page 17 of 21

		Material No.				M009		M010	
		Test No.				T005-1	T005-2	T006-1	T006-2
		Method No.				Method 1	Method 2	Method 1	Method 2
		A22 Confirmation Method No.				4	4	4	4
ID	Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
A1	4-Aminobiphenyl	92-67-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A2	Benzidine	92-87-5	mg/kg	5	30	< RL	< RL	< RL	< RL
A3	4-Chloro-o-toluidine	95-69-2	mg/kg	5	30	< RL	< RL	< RL	< RL
A4	2-Naphthylamine	91-59-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A5*	o-Aminoazotoluene	97-56-3	mg/kg	5	30	< RL	< RL	< RL	< RL
A6*	5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A7	4-Chloroaniline	106-47-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A8	4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A9	4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	5	30	< RL	< RL	< RL	< RL
A10	3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A11	3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A12	3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A13	4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A14	p-Cresidine	120-71-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A16	4,4'-Oxydianiline	101-80-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A17	4,4'-Thiodianiline	139-65-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A18	o-Toluidine	95-53-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A19	4-methyl-m-phenylenediamine / 2,4-Toluylenediamine	95-80-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A21	O-Anisidine	90-04-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A22**	4-Aminoazobenzene	60-09-3	mg/kg	5	30	< RL	< RL	< RL	< RL

Test Report No.: 158244820a 001

Page 18 of 21

		Material No.				M011		M012	
		Test No.				T007-1	T007-2	T008-1	T008-2
		Method No.				Method 1	Method 2	Method 1	Method 2
		A22 Confirmation Method No.				4	4	4	4
ID	Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
A1	4-Aminobiphenyl	92-67-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A2	Benzidine	92-87-5	mg/kg	5	30	< RL	< RL	< RL	< RL
A3	4-Chloro-o-toluidine	95-69-2	mg/kg	5	30	< RL	< RL	< RL	< RL
A4	2-Naphthylamine	91-59-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A5*	o-Aminoazotoluene	97-56-3	mg/kg	5	30	< RL	< RL	< RL	< RL
A6*	5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A7	4-Chloroaniline	106-47-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A8	4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A9	4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	5	30	< RL	< RL	< RL	< RL
A10	3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A11	3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A12	3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A13	4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A14	p-Cresidine	120-71-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A16	4,4'-Oxydianiline	101-80-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A17	4,4'-Thiodianiline	139-65-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A18	o-Toluidine	95-53-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A19	4-methyl-m-phenylenediamine / 2,4-Toluylenediamine	95-80-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A21	O-Anisidine	90-04-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A22**	4-Aminoazobenzene	60-09-3	mg/kg	5	30	< RL	< RL	< RL	< RL

Test Report No.: 158244820a 001

Page 19 of 21

		Material No.				M013		M014	
		Test No.				T009-1	T009-2	T010-1	T010-2
		Method No.				Method 1	Method 2	Method 1	Method 2
		A22 Confirmation Method No.				4	4	4	4
ID	Test Parameter	CAS NO	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
A1	4-Aminobiphenyl	92-67-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A2	Benzidine	92-87-5	mg/kg	5	30	< RL	< RL	< RL	< RL
A3	4-Chloro-o-toluidine	95-69-2	mg/kg	5	30	< RL	< RL	< RL	< RL
A4	2-Naphthylamine	91-59-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A5*	o-Aminoazotoluene	97-56-3	mg/kg	5	30	< RL	< RL	< RL	< RL
A6*	5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A7	4-Chloroaniline	106-47-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A8	4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A9	4,4'-Diaminodiphenylmethane	101-77-9	mg/kg	5	30	< RL	< RL	< RL	< RL
A10	3,3'-Dichlorobenzidine	91-94-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A11	3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A12	3,3'-Dimethylbenzidine	119-93-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A13	4,4'-methylenedi-o-toluidine / 3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A14	p-Cresidine	120-71-8	mg/kg	5	30	< RL	< RL	< RL	< RL
A15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A16	4,4'-Oxydianiline	101-80-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A17	4,4'-Thiodianiline	139-65-1	mg/kg	5	30	< RL	< RL	< RL	< RL
A18	o-Toluidine	95-53-4	mg/kg	5	30	< RL	< RL	< RL	< RL
A19	4-methyl-m-phenylenediamine / 2,4-Toluyldiamine	95-80-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A20	2,4,5-Trimethylaniline	137-17-7	mg/kg	5	30	< RL	< RL	< RL	< RL
A21	O-Anisidine	90-04-0	mg/kg	5	30	< RL	< RL	< RL	< RL
A22**	4-Aminoazobenzene	60-09-3	mg/kg	5	30	< RL	< RL	< RL	< RL

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.

Test Report No.: 158244820a 001

Page 20 of 21

Sample Photos



Test Report No.: 158244820a 001

Page 21 of 21

Sample Photos



- END -

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

1.	Scope	9.	Acceptance of work	14.	Data protection notice
1.1	These General Terms and Conditions of Business of TÜV Rheinland in Greater China ("GTBCB") is made between the client and one or more member entities of TÜV Rheinland in Greater China as applicable as the case may be ("client hereinafter"). The Greater China hereof refers to Mainland China, Hong Kong and Taiwan. The client hereunder includes:	9.1	Any part of the work result ordered which is complete in itself may be presented by TÜV Rheinland for acceptance as an installment. The client shall be obliged to accept it immediately.	14.	TÜV Rheinland processes personal data of the client for the purpose of fulfilling this contract. In addition, TÜV Rheinland also processes the data for other legal purposes in accordance with the relevant legal basis. The personal data of the client will only be disclosed to other natural or legal persons if the legal requirements are met. This also applies to transfers to third countries. The personal data will be deleted immediately as soon as the legal basis for its processing expires. The following rights are given: right of information, right of rectification, right of deletion, right of processing limitation, right of objection, right of data transferability. In addition, persons concerned by the data processing have the right to revoke their consent at any time with effect for the future, as well as the right to file a complaint with the competent data protection supervisory authority. For further details on the processing of personal data by TÜV Rheinland as the person responsible or contract processor, please refer to the data protection notice available on the website www.tuv.com.cn . You can contact the Data Protection Officer of TÜV Rheinland by e-mail at datenschutz@tuv.com.cn or by post at the following address: TÜV Rheinland AG, c/o Group Data Protection Officer, Am Grauen Stein, 51105 Cologne, Germany.
(i)	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;	9.2	If acceptance is required or contractually agreed in an individual case, this shall be deemed to have taken place two (2) weeks after completion and handover of the work, unless the client refuses acceptance within this period stating at least one fundamental breach of contract by TÜV Rheinland.		
(ii)	the incorporated or unincorporated entity duly organized, validly existing and capable to form legally binding contracts under the applicable law.	9.3	The client is not entitled to refuse acceptance due to insignificant breach of contract by TÜV Rheinland.		
1.2	The following terms and conditions apply to agreed services including consultancy services, information, deliveries and similar services as well as ancillary services and other secondary obligations provided within the scope of contract performance.	9.4	If acceptance is excluded according to the nature of the work performance of TÜV Rheinland, the completion of the work shall take its place.		
1.3	Any standard terms and conditions of the client of any nature shall not apply and shall hereby be expressly excluded. No standard contractual terms and conditions of the client shall form part of the contract even if TÜV Rheinland does not explicitly object to them.	9.5	During the Follow-Audit stage, if the client was unable to make use of the time windows provided for within the scope of a certification procedure for auditing/performance by TÜV Rheinland and the certificate is therefore to be withdrawn (e.g. performance of surveillance audits), TÜV Rheinland is entitled to immediately charge a lump-sum compensation of 10% of the order amount as compensation for expenses. The client reserves the right to prove that the TÜV Rheinland has incurred no damage whatsoever or only a considerably lower damage than the above lump sum.		
1.4	In the context of an ongoing business relationship with the client, this GTBCB shall also apply to future contracts with the client without TÜV Rheinland having to refer to them separately in each individual case.	9.6	Insofar as the client has undertaken in the contract to accept services, TÜV 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 TÜV Rheinland has incurred no damage whatsoever or only a considerably lower damage than the above mentioned lump sum.		
2.	Quotations			15.	Test materials/samples: transport risk and storage
	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.			15.1	The risk and costs for freight and transport of documents or test materials/samples to and from TÜV Rheinland as well as the costs of necessary disposal measures shall be borne by the client. TÜV Rheinland will be only liable for the direct loss of test materials/samples in the laboratories or warehouses of TÜV Rheinland only in case of gross negligence.
3.	Coming into effect and duration of contracts	10.	Confidentiality	15.2	Any destroyed and otherwise worthless test materials/samples will be disposed of by TÜV Rheinland for the client at the expense of the client, unless otherwise agreed.
3.1	The contract shall come into effect for the agreed terms upon the quotation letter of TÜV Rheinland or a separate contractual document being signed by both contracting parties, or upon the works requested by the client being carried out by TÜV Rheinland. If the client instructs TÜV Rheinland without receiving a quotation from TÜV Rheinland (quotation), TÜV Rheinland is, in its sole discretion, entitled to accept the order by giving written notice of such acceptance (including notice via electronic means requested or by post) immediately after the order is received.	10.1	For the purpose of these terms and conditions, "confidential information" means all know-how, trade secrets, documents, images, drawings, expertise, information, data, test results, receipts, samples, project documents, pricing and financial information, customer and supplier information, and marketing techniques and materials, tangible or intangible, that are supplied, transferred or otherwise disclosed by one Party (the "disclosing party") to the other Party (the "receiving party"), in writing or orally, in printed or electronic form. Confidential information is expressly not the data and know-how collected, compiled or otherwise obtained by TÜV Rheinland (non-personal) and not proprietary to the client within the scope of the provision of services by TÜV Rheinland. TÜV Rheinland is entitled to store, use, further develop and pass on the data obtained in connection with the provision of services for the purposes of developing new services, improving services and analysing the provision of services. 10.2 The disclosing party shall mark all confidential information disclosed in written form as confidential before passing it onto the receiving party. The same applies to confidential information transmitted by e-mail. If confidential information is disclosed orally, the receiving party shall be appropriately informed of the disclosure and the disclosing party shall confirm in writing the confidentiality of the information within five working days of oral disclosure. Where the disclosing party fails to do so within the stipulated period, the receiving party shall not take any confidentiality obligations hereunder towards such information. The client shall avoid using any third party platform and/or system (e.g. Wechat, Dingding, etc.). Unauthorized by TÜV Rheinland) to send any confidential information to TÜV Rheinland. Instead, the client shall send any confidential information to company email of TÜV Rheinland employees through its company email. If the client suffers from any losses or damages due to any theft or leakages to be caused by the adoption of any unauthorized confidential information sharing methods mentioned above, TÜV Rheinland shall be waived for any compensation liabilities.	15.3	Undamaged test materials/samples shall be stored by TÜV Rheinland for four (4) weeks after completion of the test. If a longer storage period is desired, TÜV Rheinland charges an appropriate storage fee.
3.2	The contract term starts upon the coming into effect of the contract in accordance with article 3.1 and shall continue for the term agreed in the contract.			15.4	After the expiry of the 4 weeks or any longer period agreed upon, the test materials/samples will be disposed of by TÜV Rheinland for the client for a fee in accordance with clause 15.2.
3.3	If the contract provides for an extension of the contract term, the contract term will be extended by the term provided for in the contract unless terminated in writing by either party with a six-week notice prior to the end of the contractual term.			15.5	If test materials/samples or documentations are given to the client to be placed in storage at their premises, the test materials/samples or documentations must be made available to TÜV Rheinland upon request promptly and free of charge. If the client in response to such a request is incapable of making available the test materials/samples and/or documentation, any liability claims for material and pecuniary damage resulting from the respective testing and certification that is brought forward by the client against TÜV Rheinland shall be voided.
4.	Scope of services			16.	Termination of the contract
4.1	The scope and type of the services to be provided by TÜV Rheinland shall be specified in the contractually agreed service scope of TÜV Rheinland by both parties. If no such separate service scope of TÜV Rheinland exists, then the written confirmation of order by TÜV Rheinland shall be decisive for the service to be provided.			16.1	Notwithstanding clause 3.3 of the GTBCB, TÜV Rheinland and the client are entitled to terminate the contract in its entirety or in the case of services combined in one contract, each of the combined parts of the contract individually and independently of the continuation of the remaining services with six (6) months' notice to the end of the contractually agreed term. The notice period shall be shortened to six (6) weeks in case TÜV Rheinland is prevented from performing the services due to a loss or a suspension of its accreditation or notification.
4.2	The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered into.	10.3	All confidential information which the disclosing party transmits or otherwise discloses to the receiving party and which is created during performance of work by TÜV Rheinland:	16.2	For good causes, TÜV Rheinland may consider giving a written notice to the client to terminate the contract which includes but not limited to the following:
4.3	TÜV Rheinland is entitled to determine, in its sole discretion, the method and nature of the assessment unless otherwise agreed in writing or if mandatory provisions require a specific procedure to be followed.	a)	may only be used by the receiving party for the purposes of performing the contract, unless expressly otherwise agreed in writing by the disclosing party;	a)	the client does not immediately notify TÜV Rheinland of changes in the conditions within the company which are relevant for certification or signs of such changes;
4.4	On execution of the work there shall be no simultaneous assumption of any guarantee of the correctness (proper quality) and working order of either tested or examined parts nor of the installation as a whole and its upstream and/or downstream processes, organizations, use and application in accordance with regulations, nor of the systems in which the installation is based. In particular, TÜV Rheinland shall assume no responsibility for the construction, selection of materials and assembly of installations examined, nor for their use and application in accordance with regulations, unless expressly questioned by the client.	b)	may not be copied, distributed, published or otherwise disclosed by the receiving party, unless this is necessary for fulfilling the purpose of the contract or TÜV Rheinland is required to pass on confidential information, information reports or documentation to the government authorities, judicial authorities, inspection or third parties that are involved in the performance of the contract;	b)	the client misuses the certificate or certification mark or uses it in violation of the contract;
4.5	In the case of inspection work, TÜV Rheinland shall not be responsible for the accuracy or checking of the safety programmes or safety regulations on which the inspections are based, unless otherwise expressly agreed in writing.	c)	must be treated by the receiving party with the same level of confidentiality as the receiving party uses to protect its own confidential information, but never with a lesser level of confidentiality than that which is reasonably required.	c)	in the event of several consecutive delays in payment (at least three times);
4.6	If mandatory legal regulations and standards or official requirements for the agreed service scope change after conclusion of the contract, with a written notice to the client, TÜV Rheinland shall be entitled to additional remuneration for resulting additional expenses.	10.4	The receiving party may disclose any confidential information received from the disclosing party only to those of its employees who need this information to perform the services required for the contract. The receiving party undertakes to obligate these employees to observe the same level of secrecy as set forth in this confidentiality clause.	d)	a substantial deterioration of the financial circumstances of the client occurs and as a result the payment claims of TÜV Rheinland under the contract are considerably endangered and TÜV Rheinland cannot reasonably be expected to continue the contractual relationship.
4.7	The services to be provided by TÜV Rheinland under the contract are agreed exclusively with the client. A contract of third parties with the services of TÜV Rheinland, as well as making available of and justifying confidence in the work results (test reports, test results, expert reports, etc.) is not part of the agreed services. This also applies if the client passes on work results - in full or in extracts - to third parties in accordance with clause 11.4.	d)	the receiving party developed if itself, irrespective of disclosure by the disclosing party, shall not be deemed to constitute "confidential information" as defined in this confidentiality clause.	e)	in the event of any serious misrepresentation, be it by intentional fraud or grossly negligent behavior of the managers, employees or agents of the client.
5.	Performance periods/dates	10.5	Information for which the receiving party can furnish proof that:	f)	if TÜV Rheinland, for reasons beyond its control, is temporarily or finally not able or entitled to continue or finalize the performance of the services, e.g. in case of force majeure, government interference, sanctions, loss of accreditation or notification, or other.
5.1	The contractually agreed periods/dates of performance are based on estimates of the work involved which are prepared in line with the details provided by the client. They shall only be binding if given confirmed as binding by TÜV Rheinland in writing.	a)	it was generally known at the time of disclosure or has become general knowledge without violation of this confidentiality clause by the receiving party; or	16.3h	The event of termination with written notice by TÜV Rheinland for good cause, TÜV Rheinland shall be entitled to a lump-sum claim for damages against the client if the conditions of a claim for damages exist. In this case, the client shall owe 15% of the remuneration to be paid until the end of the fixed contract term as lump-sum compensation. The client reserves the right to prove that there is no damage or a considerably lower damage, TÜV Rheinland reserves the right to prove a considerably higher damage in individual cases.
5.2	If binding periods of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TÜV Rheinland.	b)	it was disclosed to the receiving party by a third party entitled to disclose this information; or	16.4	TÜV Rheinland is also entitled to terminate the contract with written notice if the client has not been able to make use of the time windows for auditing service provision provided by TÜV Rheinland within the scope of a certification procedure and the certificate therefore has to be withdrawn (for example during the performance of monitoring audits). Clause 16.3 applies accordingly.
5.3	Articles 5.1 and 5.2 also apply, even without express approval by the client, to all extensions of agreed periods/dates of performance not caused by TÜV Rheinland.	c)	the receiving party already possessed this information prior to disclosure by the disclosing party; or	17.	Force Majeure
5.4	TÜV Rheinland is not responsible for a delay in performance, in particular if the client has not fulfilled his duties to cooperate in accordance with clause 6.1 or has not done so in time and in particular, has not provided TÜV Rheinland with all documents and information required for the performance of the service as specified in the contract.	d)	the receiving party developed it itself, irrespective of disclosure by the disclosing party, shall not be deemed to constitute "confidential information" as defined in this confidentiality clause.	17.1	"Force Majeure" means the occurrence of an event or circumstance that prevents or impedes a Party from performing one or more of its contractual obligations under the contract, if and to the extent that that Party proves: (a) that the event or circumstance is beyond its reasonable control; and (b) that it could not reasonably have been foreseen at the time of the conclusion of the contract; and (c) that the effects of the impediment could not reasonably have been avoided or overcome by the affected Party.
5.5	If the performance of TÜV Rheinland is delayed due to unforeseeable circumstances such as force majeure, strikes, business disruptions, governmental regulations, transport obstacles, etc., TÜV Rheinland is entitled to postpone performance for a reasonable period of time which corresponds, at least to the duration of the hindrance plus any time period which may be required to resume performance.	10.6	All confidential information shall remain the property of the disclosing party. The receiving party hereby agrees to immediately (i) return all confidential information, including all copies, to the disclosing party; and/or (ii) on request by the disclosing party, to destroy all confidential information, including all copies, and confirm the destruction of this confidential information to the disclosing party in writing; at any time if so requested by the disclosing party but at the latest and without special request after termination or expiry of the contract. This does not extend to include reports and certificates prepared for the client solely for the purpose of fulfilling the obligations under the contract which shall remain with the client. However, TÜV Rheinland is entitled to make file copies of such reports, certificates and confidential information that forms the basis for preparing these reports and certificates in order to evidence the correctness of its results and for general documentation purposes required by laws, regulations and the requirements of working procedures of TÜV Rheinland.	17.2	In the absence of proof to the contrary, the following events affecting a Party shall be presumed to fulfill conditions (a) and (b) under paragraph 1 of this Clause: (i) war (whether declared or not), hostilities, invasion, act of foreign enemies, extensive military mobilization; (ii) civil war, riot, rebellion and revolution, military or usurped power, insurrection, act of terrorism, sabotage or piracy; (iii) currency and trade restrictions, embargo or other act of authority whether lawful or unlawful, compliance with any law or governmental order, expropriation, seizure of works, requisition, nationalization; (iv) plague, epidemic, natural disaster or extreme natural event; (v) explosion, fire, destruction of equipment, prolonged breakdown of transport, telecommunication, information system or energy; (vi) general labor disturbance such as boycott, strike and lock-out, go-slow, occupation of factories and premises.
6.	The client's obligation to cooperate	10.7	From the start of the contract and for a period of three years after termination or expiry of the contract the receiving party shall maintain strict confidentiality of confidential information and shall not disclose this information to any third parties or use it for itself.	17.3	The Party successfully invoking this Clause is relieved from its duty to perform its obligations under the contract and from any liability in damages or from any other contractual remedy for breach of contract, from the time at which the impediment causes inability to perform, provided that the notice thereof is given without delay. If notice thereof is not given without delay, the relief is effective from the time at which notice thereof reaches the other Party. Where the effect of the impediment or event invoked is temporary, the above consequences shall apply only as long as the impediment invoked impedes performance by the affected Party. Where the duration of the impediment invoked has the effect of substantially depriving the contracting Parties of what they were reasonably entitled to expect under the contract, either Party has the right to terminate the contract by notification within a reasonable period to the other Party. Unless otherwise agreed, the Parties expressly agree that the contract may be terminated by either Party if the duration of the impediment exceeds 120 days.
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.	11.	Copyrights and rights of use, publications	18.	Hardship
6.2	Design documents, 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 prevention instructions. And the client represents and warrants that:	11.1	TÜV Rheinland shall retain all exclusive copyrights in the reports, expert reports/opinions, test reports/results, results, calculations, presentations, etc. prepared by TÜV Rheinland, unless otherwise agreed by the parties in a separate agreement. As the owner of the copyrights, TÜV Rheinland is free to grant others the right to use the work results for individual or all types of use ("right of use")	18.1	The Parties are bound to perform their contractual duties even if events have rendered performance more onerous than could reasonably be foreseen at the time of the conclusion of the contract.
a)	It has required statutory qualifications;	11.2	The client receives a simple, unlimited, non-transferable, non-sublicensable right of use to the contents of the work results produced within the scope of the contract, unless otherwise agreed by the parties in a separate agreement. The client may only use such reports, expert reports/opinions, test reports/results, results, calculations, presentations, etc. prepared within the scope of the contract for the contractually agreed purpose.	18.2	Notwithstanding paragraph 1 of this Clause, where a Party proves that:
b)	the product, service or management system to be certified complies with applicable laws and regulations; and	11.3	The transfer of right of use of the generated work results regulated in clause 11.2. of the GTBCB is subject to full payment of the remuneration agreed in favour of TÜV Rheinland.	(a)	the continued performance of its contractual duties has become excessively onerous due to an event beyond its reasonable control which it could not reasonably have been expected to have taken into account at the time of the conclusion of the contract; and that
c)	it doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and Dishonest Acts of People's Republic of China.	11.4	The client may only use work results only complete and unshortened. The client may only pass on the work results in full unless TÜV Rheinland has given its prior written consent to the partial passing on of work results.	(b)	it could not reasonably have avoided or overcome the event or its consequences, the Parties are bound, within a reasonable time of the invocation of this Clause, to negotiate alternative contractual terms which reasonably allow to overcome the consequences of the event.
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 certificates if any.		11.5	Any publication or duplication of the work results for advertising purposes or any further use of the work results beyond the scope regulated in clause 11.2. needs the prior written approval of TÜV Rheinland in each individual case.	18.3	Where Clause 18.2 applies, but where the Parties have been unable to agree alternative contractual terms as provided in paragraph 1 of this Clause, the Party invoking this Clause is entitled to terminate the contract, but cannot request adaptation by the judge or arbitrator without the agreement of the other Party.
6.3	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 extra charge fees for such additional expense.	11.6	TÜV Rheinland may revoke a once given approval according to clause 11.5 at any time without stating reasons. In this case, the client is obliged to stop the transfer of the work results immediately at his own expense and, as far as possible, to withdraw publications.		
7.	Prices	11.7	The consent of TÜV Rheinland to publication or duplication of the work results does not entitle the client to use the corporate logo, corporate design or test/certification mark of TÜV Rheinland.	19.	Partial invalidity, written form, place of jurisdiction and dispute resolution
7.1	If the scope of performance is not laid down in writing when the order is placed, invoicing shall be based on costs actually incurred. If no price is agreed in writing, invoicing shall be made in accordance with the price list of TÜV Rheinland valid at the time of performance.	12.	Liability of TÜV Rheinland	19.1	All amendments and supplements must be in writing in order to be effective. This also applies to amendments and supplements to this clause 17.1.
7.2	Unless otherwise agreed, work shall be invoiced according to the progress of the work.	12.1	Irrespective of the legal basis, to the fullest extent permitted by applicable law, in the event of a breach of contractual obligations or tort, the liability of TÜV Rheinland for all damages, losses and reimbursement of expenses caused by TÜV Rheinland, its legal representatives and/or employees shall be limited to: (i) in the case of a contract with a fixed overall fee, three times the overall fee for the entire contract; (ii) in the case of a contract for annually recurring services, the agreed annual fee; (iii) in the case of a contract expressly charged on a time and material basis, a maximum of 20,000 Euro or equivalent amount in local currency; and (iv) in the case of a framework 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. Notwithstanding the above, in the event that the total and accumulated liability calculated according to the foregoing provisions exceeds 2.5 Million Euro or equivalent amount in local currency, the total and accumulated liability of TÜV Rheinland shall be only limited to and shall not exceed the said 2.5 Million Euro or equivalent amount in local currency.	12.2	The limitation of liability according to article 12.1 above shall not apply to damages and/or losses caused by malice, intent or gross negligence on the part of TÜV Rheinland or its vicarious agents. Such limitation shall not apply to damages for a person's death, physical injury or illness.
7.3	If the execution of an order extends over more than one month and the value of the contract or the agreed fixed price exceeds €2,500.00 or equivalent value in local currency, TÜV Rheinland may demand payments on account or in instalments.	12.3	In cases involving a fundamental breach of contract, TÜV Rheinland will be liable even where minor negligence is involved. For this purpose, a "fundamental breach" is breach of a material contractual obligation, the performance of which permits the due performance of the contract. Any claim for damages for a fundamental breach of contract shall be limited to the amount of damages reasonably foreseen as a possible consequence of such breach of contract at the time of the breach (reasonably foreseen) by the client.	12.4	Any dispute in connection with the contract and these terms and conditions or the execution thereof shall be settled friendly through negotiations.
8.	Payment terms	12.4	TÜV Rheinland shall not be liable for the acts of the personnel made available by the client to support TÜV Rheinland in the performance of its services under the contract, unless such personnel made available is regarded as vicarious agent of TÜV Rheinland. If TÜV Rheinland is not liable for the acts of the personnel made available by the client under the foregoing provision, the client shall indemnify TÜV Rheinland against any claims made by third parties arising from or in connection with such personnel's acts.	12.5	Unless otherwise stipulated in the contract, if no settlement or no agreement in respect of the extension of the negotiation period can be reached within two months of the arising of the dispute, the dispute shall be submitted:
8.1	All invoice amounts shall be due for payment without deduction on receipt of the invoice. No discounts and rebates shall be granted.	12.5	Unless otherwise contractually agreed in writing, TÜV Rheinland shall only be liable under the contract to the client.	a)	in the case of TÜV Rheinland in question being legally registered and existing in the People's Republic of China, to the Arbitration Commission (CIETAC) to be settled by arbitration under the Arbitration Rules of CIETAC in force when the arbitration is submitted. The arbitration shall take place in Beijing, Shanghai, Shenzhen or Chongqing as appropriately chosen by the claiming party.
8.2	Payments shall be made to the bank account of TÜV Rheinland as indicated on the invoice, stating the invoice and client numbers.	12.6	The limitation periods for claims for damages shall be based on statutory provisions.	b)	in the case of TÜV Rheinland in question being legally registered and existing in Taiwan, to Chinese Arbitration Association, Taipei to be arbitrated in accordance with its then current Rules of Arbitration. The arbitration shall take place in Taipei.
8.3	In cases of default of payment, TÜV Rheinland shall be entitled to claim default interest at the applicable short term loan interest rate publicly announced by a reputable commercial bank in the country where TÜV Rheinland is located. At the same time, TÜV Rheinland reserves the right to claim further damages.	12.7	None of the provisions of this article 12 changes the burden of proof to the disadvantage of the client.	c)	in the case of TÜV Rheinland being legally registered and existing in Hong Kong, to Hong Kong International Arbitration Centre (HKIAC) to be settled by arbitration under the HKIAC Administered Arbitration Rules in force when the Notice of Arbitration is submitted in accordance with these rules. The arbitration shall take place in Hong Kong.
8.4	Should the client default in payment of the invoice despite being granted a reasonable grace period, TÜV Rheinland shall be entitled to cancel the contract, withdraw the certificate, claim damages for non-performance and refuse to continue performance of the contract.	13.	Export control		
8.5	The provisions set forth in article 8.4 shall also apply in cases involving returned cheques, cessation of payment, commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings has been dismissed due to lack of assets.	13.1	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 international export control law.		
8.6	Objections to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of receipt of the invoice.	13.2	The performance of a contract with the client is subject to the proviso that there are no obstacles to performance due to national or international foreign trade legislations or embargoes and/or sanctions. In the event of a violation, TÜV Rheinland shall be entitled to terminate the contract with immediate effect and the client shall compensate for the losses incurred thereof by TÜV Rheinland.		
8.7	TÜV Rheinland shall be entitled to demand appropriate advance payments.				
8.8	TÜV Rheinland shall be entitled to raise its fees at the beginning of a month if overheads and/or purchase costs have increased. In this case, TÜV Rheinland shall notify the client in writing of the rise in fees. This notification shall be issued one month prior to the date on which the rise in fees shall come into effect (period of notice of changes in fees). If the rise in fees remains under 5% per contractual year, the client shall not have the right to terminate the contract. If the rise in fees exceeds 5% per contractual year, the client shall be entitled to terminate the contract by the end of the period of notice of changes in fees. If the contract is not terminated, the changed fees shall be deemed to have been agreed upon by the time of the expiry of the notice period.				
8.9	Only legally established and undisputed claims may be offset against claims by TÜV Rheinland.				
8.10	TÜV Rheinland shall have the right at all times to set off any amount due or payable by the client, including but not limited to set off against any fees paid by the client under any contracts, agreement and/or orders/quotations reached with TÜV Rheinland.				