







Please refer to result

page

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Client: HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD

Contact Information: HAPE INTERNATIONAL (NINGBO)LTD

9-27Nanhai Road, Dagang industrial City, Beilun, Ningbo, China

Test item(s): Toy

Identification/ Model No(s):

Refer to detail list

Sample obtaining method: Sending by customer

**Condition at delivery:** Test item complete and undamaged.

Sample Receiving date: 2021-11-24

**Testing Period:** 2021-11-24 to 2022-08-10

Place of testing: Chemical laboratory Shanghai, Toys laboratory Shanghai

Test Specification: Test result:

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

2. 2009/48/EC CE marking PASS

3. 2009/48/EC Labeling Requirement

(Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning

inetruction)

instruction)

4. EN 71-2: 2020 Flammability PASS

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

### Other information:

Country of Origin: China Packaging provided: Yes

The provided age grade of the item: Refer to detail list.

The appropriate age grade of the item: M001,M005-M007 Over 10 months; M002-M004,M008 For all

ages.

2022-08-10

The items were tested: M001,M005-M007 Over 10 months; M002-M004,M008 For all ages.

For and on behalf of TÜV Rhomba (Shawahai) Co., Ltd.

Wice Wang/

General Manager

Rainbow Xu/

2022-08-10 Senior Technical Executive

Date Name/Position Date

Date Name/Position

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

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test

report does not entitle to carry any safety mark on this or similar products.

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



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Item No.	Item Description	CN Item Description	Age group
E8505,E8505A,E8505B	Pull Along Dog	拖拉狗乌戈	12m+
E8506,E8506A,E8506B	Rattle	旋转摇铃	3m+
E8508,E8508A,E8508B	Teether Hedgehog	刺猬牙胶	0m+
E8509,E8509A,E8509B	Music Box	蜜蜂音乐盒	0m+
E8510,E8510A,E8510B	Flappy Bird	推推鸟艾丽	12m+
E8517,E8517A,E8517B	Busy Buddies	大自然乐队	10m+
E8519,E8519A,E8519B	Hook N' Look Snail	蜗牛镜子摇铃	10m+
E8521,E8521A,E8521B	Butterfly Links	百变蝴蝶挂环	6m+





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**Material List:** 

Item: Refer to detail list

Material No.	Material	Color	Location
M001	Whole Product	Multicolor	Pull Along Dog
M002	Whole Product	Multicolor	Rattle
M003	Whole Product	Multicolor	Teether Hedgehog
M004	Whole Product	Multicolor	Music Box
M005	Whole Product	Multicolor	Flappy Bird
M006	Whole Product	Multicolor	Busy Buddies
M007	Whole Product	Multicolor	Hook N' Look Snail
M008	Whole Product	Multicolor	Butterfly Links
M009	Wood	Nature	Solid wood
M010	Wood	Nature	Plywood
M011	Coating	Transparent	On wood
M012	Coating	Black	On wood
M013	Coating	Red brown	HAPE LOGO
M014	Plastic	Black	Loop of wheel
M015	Plastic	Beige	Rim of wheel
M016	Textile	Cream/Brown/Black	Main fabric, body
M017	Textile	Rose/White	Fabric of ears
M018	Textile	Blue/White	Fabric of tail/ears
M019	Plastic + Textile	White	Velcro
M020	Textile	Cream	Cord
M021	Metal	Silver	Axle
M022	Textile + printing	White/Black	Sewn in label
M023	Textile	White	Filling cotton
M024	Plastic	Lt.blue	Handle
M025	Plastic	Blue	Cornector (Shangha)
M026	Plastic	White	Life fall
M027	Metal	Silver	多響文宣言
M028	Plastic	Mint	Siliconekhedgehog 专用章 *
M029	Textile	Yellow/Black/Grey	Main fabric, Bee pody estimate



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oection/Tes

M030	Textile	Beige	Main fabric of star
M031	Textile	Yellow	Cord/antenna
M032	Textile	Yellow	Tape
M033	Textile	White	Cord
M034	Plastic	Transparent	Film inside star
M035	Plastic	White	Music box
M036	Coating	Yellow	On wood
M037	Textile	Cream/Grey/Black/Orange	Main fabric, body
M038	Textile	Lemon	Таре
M039	Plastic	Yellow	Connector of bar
M040	Plastic	Orange	Feet(soft)
M041	Plastic	Orange	Rim of wheel
M042	Plastic	Semi-transparent	Tube of wheel
M043	Coating	Yellow	On wood
M044	Coating	Blue + It.blue	On wood
M045	Coating	Dk.blue	On wood
M046	Coating	Lake blue	On wood
M047	Coating	Grey+Red+White	On wood
M048	Coating	Grey+Pink	On plastic
M049	Plastic	Reflective	Mirror
M050	Plastic	Yellow	Connetor
M051	Plastic	Transparent	Ball
M052	Plastic	Multicolor	Ball inner
M053	Plastic	White	Blocks
M054	Textile	Grey + white	Fabric
M055	Textile	Blue + It.blue	Fabric
M056	Textile	Orange	Fabric
M057	Textile	Orange + It.orange	Fabric (Shaper
M058	Textile	White	Cordano La Mario
M059	Textile	Green	Riboon
M060	Textile	Pink	Ribbiek W
M061	Textile	Yellow	Ribba 检验检测专用章 *



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M062	Textile	Blue	Piping
M063	Plastic + Textile	White	Elastic string
M064	Textile	White	String
M065	Plastic	Yellow	Ring
M066	Plastic	Pink	Ring
M067	Plastic	Blue	Ring





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

T001
M001-M008
PASS
PASS*1
PASS
PASS
PASS*2
PASS*3
PASS*4
PASS
PASS*5
PASS*6
PASS*7

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

#### Remark:

- \*1 This clause is only applicable to M005
- \*2 This clause is only applicable to M004
- \*3 This clause is only applicable to M003,M008
- \*4 This clause is only applicable to M002,M004-M008
- \*5 This clause is only applicable to M001,M004-M007
- \*6 This clause is only applicable to M001,M004-M008
- \*7 This clause is only applicable to M002-M004,M008





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### 2. 2009/48/EC CE Marking

#### Test result:

Test No:	T001
Material No:	M001-M008
CE-marking	PASS

# 3. 2009/48/EC Labeling Requirement (Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)

#### Test result:

Test No:	T001
Material No:	M001-M008
Importer/ Manufacturer Mark (European	Present on product and package
Company name and address)+	
Product Identification - type, batch, serial or	Present on product and package
model number+	

#### Remark:

+ These labeling shall be indicated on the toy, or where that is not possible, on its packaging or in a documents accompanying the toys.

The correct adherence to all requirements according to directive 2009/48/EC in regards to the marking (name or trademark and contact address of the manufacturer respectively the marking for identification [type, batch, model or serial no.])of the toy can only be confirmed by the manufacturer, his delegate or the person who brings it onto the market. The marked article were assessed, however, they can not be evaluated in the frame of this test.





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### 4. EN 71-2: 2020 Flammability

#### Test result:

	Test No:	T001
	Material No:	M001-M008
4.1 General		PASS
4.5 Soft-filled toys		PASS*1

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

### Remark:

\*1 This clause is only applicable to M001





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### 5. 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

### 3) For scraped-off toy materials:

#### **Test Result:**

			Test No.	T001	T002	T003
			Material No.	M009	M010	M011
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (AI)	mg/kg	10	28,130	< RL	< RL	29.0
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	6.7	< RL	4.8
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	129	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	126	< RL	5.9
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	5.2	3.1
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	1560

Abbreviation: <

< less than

RL = Reporting Limit mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

			Test No.	T004	T005	T006
			Material No.	M012	M014	M015
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	2750	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	5.3	< 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	13.9	< RL	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL	< RL	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL	< RL	8.7
Selenium (Se)	mg/kg	10	460	< RL	< RL	< RL
Strontium (Sr)	mg/kg	2.5	56,000	22.5	< 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	1910	< RL	< RL

Abbreviation:

< less than

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mg denotes milligram





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### **Test Result:**

			Test No.	T007	T008	T009
			Material No.	M016	M017	M018
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	< RL	< RL	< 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	< RL	< RL	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	2.5	< 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	3.3	< 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	12.5	10.8	3.8

Abbreviation:

< less than

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mg denotes milligram





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### **Test Result:**

			Test No.	T010	T011	T012
			Material No.	M019	M020	M022
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (AI)	mg/kg	10	28,130	< RL	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< 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	12.2	< 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	4.0	< 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	14.7	< RL

Abbreviation:

< less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

			Test No.	T013	T014	T015
			Material No.	M024	M025	M026
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (AI)	mg/kg	10	28,130	< RL	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< 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	< 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

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mg denotes milligram





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### **Test Result:**

			Test No.	T016	T017	T018
			Material No.	M028	M029	M030
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (AI)	mg/kg	10	28,130	< RL	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< 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	< RL	< RL	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	4.0	< 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	< 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

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mg denotes milligram





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### **Test Result:**

			Test No.	T019	T020	T021
			Material No.	M031	M032	M033
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (AI)	mg/kg	10	28,130	< RL	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< 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	< 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	21.1

Abbreviation:

less than

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mg denotes milligram





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### **Test Result:**

			Test No.	T022	T023	T024
			Material No.	M036	M037	M038
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (AI)	mg/kg	10	28,130	321	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	4.7	< RL	< RL
Boron (B)	mg/kg	10	15,000	< RL	11.6	< 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	7.3	< 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	20.4	< 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	15.4	< RL	< RL

Abbreviation:

less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

			Test No.	T025	T026	T027
			Material No.	M039	M040	M041
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	14.8	< RL	12.9
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< 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	4.0	< 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	366	< RL	< RL

Abbreviation:

< less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

			Test No.	T028	T029	T030
			Material No.	M042	M043	M044(*1)
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (AI)	mg/kg	10	28,130	< RL	321	117
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	6.6	4.7	< 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	22.5	< RL	< RL
Lead (Pb)	mg/kg	2.5	23	< RL	< RL	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL	7.3	2.6
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	20.4	< 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	15.4	192

Abbreviation:

< less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

			Test No.	T031	T032	T033
			Material No.	M045	M046	M047(*1)
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (AI)	mg/kg	10	28,130	70.6	370	55.9
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< RL
Arsenic (As)	mg/kg	5	47	< RL	< RL	< RL
Barium (Ba)	mg/kg	2.5	18,750	5.9	24.4	< RL
Boron (B)	mg/kg	10	15,000	< RL	65.1	< 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	7.4	6.7	< 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	2.7	8.3
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	173	129	120

Abbreviation:

less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

			Test No.	T034	T035	T036
			Material No.	M048(*1)	M049	M050
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	35.4	18.0	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< 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	< 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	11.0	< RL	< RL

Abbreviation:

< less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

			Test No.	T037	T038	T039
			Material No.	M051	M053	M054
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (Al)	mg/kg	10	28,130	32.2	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< 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	< 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

mg denotes milligram





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### **Test Result:**

			Test No.	T040	T041	T042
			Material No.	M055	M056	M057
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	8.9	< RL	7.3
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	12.6	< RL	< RL

Abbreviation:

less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

			Test No.	T043	T044	T045
			Material No.	M058	M059	M060
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result
Aluminium (AI)	mg/kg	10	28,130	< RL	< RL	< RL
Antimony (Sb)	mg/kg	5	560	< RL	< RL	< 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	< 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	21.1	< RL	< RL

Abbreviation:

less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

Test No.				T046	T047	T048
Material No.				M061	M062	M063
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	< RL	< RL	< 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	< 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	1270

Abbreviation:

< less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram





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### **Test Result:**

Test No.				T049	T050	T051
Material No.				M064	M065	M066
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	< RL	< RL	< 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	< 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

mg denotes milligram





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#### **Test Result:**

			Test No.	T052
			Material No.	M067
Test Parameter	Unit	RL	Regulatory	Result
			Requirement	
Aluminium (Al)	mg/kg	10	28,130	< RL
Antimony (Sb)	mg/kg	5	560	< RL
Arsenic (As)	mg/kg	5	47	< RL
Barium (Ba)	mg/kg	2.5	18,750	< RL
Boron (B)	mg/kg	10	15,000	< RL
Cadmium (Cd)	mg/kg	1	17	< RL
Chromium III (Cr(III))	mg/kg	10	460	< RL
Chromium VI (Cr(VI))	mg/kg	0.045	0.053	< RL
Cobalt (Co)	mg/kg	2.5	130	< RL
Copper (Cu)	mg/kg	2.5	7,700	< RL
Lead (Pb)	mg/kg	2.5	23	< RL
Manganese (Mn)	mg/kg	2.5	15,000	< RL
Mercury (Hg)	mg/kg	2.5	94	< RL
Nickel (Ni)	mg/kg	2.5	930	< RL
Selenium (Se)	mg/kg	10	460	< RL
Strontium (Sr)	mg/kg	2.5	56,000	< RL
Tin (Sn)	mg/kg	1.0	180,000	< RL
Organic Tin^	mg/kg	0.2	12	-
Zinc (Zn)	mg/kg	10	46,000	< RL

Abbreviation:

< less than

RL = Reporting Limit

mg/kg denotes milligram per kilogram

mg denotes milligram

^ 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.
- \*1 According to EN 71-3:2019+A1:2021, the weight of test portion was less than 100mg, but greater than 10mg. The result was calculated as if 100mg of the samples were available.

\*2 According to EN 71-3:2019+A1:2021, the weight of test portion M013 available was less than 10mg, the test for soluble heavy metal content was not performed.

Testing Laboratory accredited by DAkkS according to DIN EN ISO/IEC 17025. The accreditation is valid for test methods stated in the certificate.

Testing Laboratory accredited by CNAS according to ISO/IEC 17025. The accreditation symethods stated in the certificate.

TÜV Rheinland (Shanghai) Co., Ltd., Shanghai TÜV Rheinland Building, No. 177, Lane 777, West Guangzhong Road, Jing an District, Shanghai. 200072. P.R.China



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## Sample Photos



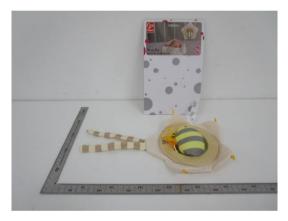
E8505,E8505A,E8505B



E8506,E8506A,E8506B



E8508,E8508A,E8508B



E8509,E8509A,E8509B



E8510,E8510A,E8510B



E8517,E8517A,E8517



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## Sample Photos



E8519,E8519A,E8519B



E8521,E8521A,E8521B

- END -





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

These General Terms and Condisions of Business of TÜV Rheinland in Greater China ("CTCE") is made between the client and one or more member entitles of TÜV Rheinland in Terter State ("CTCE") is made between the client and one or more member entitles of TÜV Rheinland in Terter State ("China hered") and the client state ("China hered") and create ("China hered") and create ("China hered") and an advantage person capable to form legally binding contracts under the applicable laws who concludes the contract not for the purpose of a daily user. The client of the contract of the client of the contract of

coagainors provided within the scope of contract performance.

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 TU Rheinland does not explicitly object to them. A shall slot apply to future contracts with the client without TUV Rheinland having to refer to them separately in each individual care.

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.

The contract shall come into effect for the agreed terms upon the quotation letter of TDV. Rheinland or a separate contractable document being signed by both contracting parties, or upon the works requested by the client being carried out by TDV. Rheinland. If the client instructs TDV. Rheinland without receiving a quotation from TDV. Rheinland, quotation, TDV. Rheinland is, in its sole discretion, entitled to accept the order by giving written notice of such acceptance (including notice sent with electronic means) or by performing the requested productions of the contract of t

services.
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.
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 three-month notice prior to the end of the contractual term.

Scope of services

The scope and type of the services to be provided by TÜV Rheinland shall be specified in the contractually agreed service scope of TÜV Rheinland by both parties. If no such separate service scope of TÜV Rheinland by both parties. If no such separate service scope of TÜV Rheinland of shall be decivity of the service to be provided. Unless otherwise agreed, services beyond the scope of the service description (e.g. checking the correctness and functionality of parts, products, processes, installations, organizations not listed in the service description, as well as the intended use and application of such jar are to work in particular, or responsibility is assumed for the design, electrion of materials, construction or intended use of an examined The agreed services of plant, unless this is operasily sealed in the order. The agreed services the services is serviced to the contract is entered into.

TÜV Rheinland is entitled to determine, in its soed descreten, the method and nature of the assessment unless otherwise agreed in writing or if mandatory provisions require a specific procedure to be followed.

TOV Rheinland is entitled to determine, in it is now assessment unless otherwise agreed in writing of it mandatory provisions require a specific procedure to be followed.

The provision of the provision of the provision of the provision of any gusrantee of the Corrections (proving provision) and which are the state of examining parts not of the installation as a whole and its upstream and/or downstream processes, organisations, use and application in accordance with regulations, nor of the systems on which the installation is based. In particular, TOV Rheinland shall assume no responsibility for the construction, selection of materials and assembly distallations examined, nor for their use and application in accordance with regulations, unless these qualistics are expressly converted by the contract.

in accordance with regulations, unless these questions are expressly covered by the contract. In the case of impection work. TVV Rehelland 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.

If mandatory legal regulations and standards or official requirements for the agreed service scope change after conclusion of the contract, which a written notice to the client, TVV Rehelland shall be entitled to additional remuneration for resulting additional expenses. The services to be provided by TVV Rehelland shall be entitled to additional remuneration for resulting additional expenses. The services to be provided by TVV Rehelland under the contract or agreed exclusively with the client. A contract of third parties with the services of TVV Rehelland, as well as making 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.

5.1

Performance periodicidates
The contractingly agent periodicidates of performance are based on estimates of the work invoked which are prepared in line with the details provided by the client. They shall only be binding if being confirmed as binding by TUV Rheinland in writing.
If binding periodic of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TUV Rheinland.
If binding periodicidates of performance have been agreed, these periodicidates of performance not caused by TUV Rheinland.
If the periodicidates of performance not caused by TUV Rheinland, the client has soft of the periodicidates of performance not caused by TUV Rheinland is returned to the compared to the comp

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  $T\bar{U}V$  Rheinland.

be provised in good eine and at no cost of 100 Kneellands.

Design documents, supplies, auditing 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 or

The product, service or management system to be certified complies with applicable laws and regulations; and

It doesn't have any illegal and dishonest behaviours or is not included in the list of Enterprises with Serious Illegal and Dishonest Acts of People's Republic of China.

If the client breaches the aforesaid representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contract/order without prior notice; and ii) withdraw the issued testing report/certificates if any.

The client shall bear any additional cost incurred on account of work having to be redone or being delayed as a result of late, incorrect or incomplete information provided by or lack of proper cooperation from the cli

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 TUV Rheinland valid at the time of performance. Unless otherwise agreed, work shall be invoiced according to the progress of the work. 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. TUV Rheinland may demand payments on account or in installments.

All invoice amounts shall be due for payment within 30 days of the invoice date without deduction on receipt of the invoice. No discounts and rebates shall be granted. Payments shall be made to the bank account of TÜV Rheinland as indicated on the invoice, sating the invoice and client numbers and client numbers and client numbers are entitled to client deduction from the state of the payment of the payment of the country where TÜV Rheinland is located. At the same time, TÜV Rheinland shale he right to claim further damages. Should the client of default in payment of the invoice despite being granted a reasonable grace period, TÜV Rheinland shall be entitled to cancel the contract, which was the certificate, claim damages for new-entimance and related to charge the profession of payment, commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings against the client's assets or cases in which the commencement of insolvency proceedings has been disnisted due to lack of assets.

s. ns to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of

Objections to the invoices of TÜV Rheinland shall be submitted in writing within two weeks of receiped of the invoices.

TÜV Rheinland shall be entitled to demand appropriate advance payments.

TÜV Rheinland shall be entitled to fraise 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 contractual by the vide of the period of notice of changes in fees. If the contract terminate the contractual by the vide of the period of notice of changes in fees. If the contract the period of notice of changes in fees. If the contract of the expiry of the notice period.

Acceptance of work

Any part of the work result ordered which is complete in itself may be presented by  $T\bar{U}V$  Rheinland for acceptance as an instalment. The client shall be obliged to accept it

immediately. If acceptance is required or contractually agreed in an individual case, this 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 fundmental breach of contract by TIM Publicians. berinland.

ent is not entitled to refuse acceptance due to insignificant breach of contract by TÜV

The client is not entitled to refuse acceptance due to insignificant breach of contract by TUV remeinland. 
The control of the

Confidentiality

For the purpose of these terms and conditions, "confidential information," means all know-how, trade secrets, documents, images, drawings, expertise, information, data, test results, reports, samples, project documents, princing and financial information, customer and supplier information, and marketing techniques and materials, techniques and techn

biddle count accreditation bodies or third parties that are involved in the performance of the contract, 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.

The protection of the confidentiality than that which is reasonably required. The protection of the confidentiality than that which is reasonably required. The protection of the confidentiality than that which is reasonably required. The protection of the confidentiality than that which is reasonably required. The protection of the confidentiality that the receiving party undertakes to oblige these employees to observe the same level of secretory as set forth in this confidentiality clause. Information for which the receiving party can turnish proof that: It was generably whom at the time of disclosure or has become general knowledge without violation of this confidentiality clause by the receiving party, or which information or of this confidentiality clause by the receiving party or of the receiving party can be party developed it itself, irrespective of disclosure by the disclosing party, shail the receiving party or party developed it itself, irrespective of disclosure by the disclosing party, shail the receiving party or party developed it itself, irrespective of disclosure by the disclosing party, shail the party of the party developed itself.

10.5 a)

b) c)

the receiving party already possessed this information prior to disclosure by the disclosing party or party or 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 confidential prior to be deemed to constitute "confidential information" as defined in this confidential prior party. The receiving party hereby agrees to immediately (of termal confidential information party, the disclosing party, to destroy all confidential the disclosing party, and/or (i) on request by the disclosing party, to destroy all confidential the disclosing party in writing, at any time if so requested by the disclosing party but at the disclosing party with reflect the disclosing party but at the disclosing party in writing, at any time if so requested by the disclosing party but at the disclosing party with reflect the disclosing party but at the disclosing party but at the disclosing party but at the disclosing party that the disclosing party to writing at any time if so requested by the disclosing party but at the disclosing party but at

10.7

#### Copyrights and rights of use, publications

11.1

Copyrights and rights of use, publications
TUV Rheinland shall retain all exclusive copyrights in the reports, expert reports/opinions, test
reports/results, results, acclusions, presentations etc. prepared by TUV Rheinland, unless
otherwise agreed by the parties in a separate agreement. As the owner of the copyrights, TUV
use ("right out great test her right to use the work results for individual or all types of
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
the scope of the contract for the contract land parties purpose.
The transfer of right of use of the generated work results regulated in dause 11.2. of the GTGB
is subject to full geyment of the remunestion agreed in showed TUV Rheinland basis on the
work results in full unless TUV Rheinland has given its prior written consent to the partial
passing on of work results.
Any publication or duplication of the work results for advertising purposes or any further use of
introduction of TUV Rheinland need the prior written approval of TUV Rheinland here
the price of the contract of the contract rate (including the contract of the contract
stating reasons. regulations and relevant ruse (including to not limited to specific applicable
testing and certification rules, etc.).

The content of TUV Rheinland to pulcilication or duplication of the work results immediately at his own expense and, as far as possible, to withdraw publication.

The content of TUV Rheinland to pulcilication or duplication of the work results immediately at his own expense and, as far as possible, to withdraw publication.

11.6

### Liability of TÜV Rheinland

Liability of TÜV Rheinland 
Irrespective of the legal basis, to the fullest exent 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 bit; (i) in the case of a contract with a faed overall fee, three times 
entry the case of a contract expressly charged on a time and 
material basis, a maximum of 2000.00 Euro or equivalent amount in local currency, and (vi) 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 
cocurred. Notwithstanding the above, in the event that the total and accumulated isbellity 
calculated according to the foreign provision rescreeds 25 Million Euro or equivalent amount in local currency. 
The limitation of labelity according to article 121 above shall not exceed the said 2.5 Million Euro or equivalent amount in local currency. 
The limitation of labelity according to article 121 above shall not exceed the said 2.5 Million Euro or equivalent amount in local currency. 
The limitation of labelity according to article 121 above shall not apply to damages and 
various agents. Such limitation shall not apply to damages for a persons deeth, physical 
injury of times.

vicarious agents. Such limitation shall not apply to damages for a person's death, physical injury of illness, and a fundamental breach of context, TVD Rehalend 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 resonably foreseen as a possible consequence of such breach of contract shall be limited to the amount of damages resonably foreseen as a possible consequence of such breach of contract as the contract of the clean.

contract to the client.
The limitation periods for claims for damages shall be based on statutory provisions.
None of the provisions of this article 12 changes the burden of proof to the disadvantage of the

# 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 to 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 embarges and/or with immediate effect and the client shall compensate for the losses incured thereof by TÜV Rheinland.

The elient understands and agrees that TÜV Rheinland processes personal data (including but not limited to personal information) of the client and its related parties (including but not limited to the supplier of the client) for the purpose of fulfilling is contract. The client confirms that it has obtained the prior consent of the data subject, which entities TÜV Rheinland to access, use, or process the personal data that the client collected or processed by itself and data. TÜV Rheinland will use and process the data is accordance with the relevant legal basis. If any personal data has to be disclosed or transferred to any third party or any overseas party outside of the district in which the personal data was collected, the client also confirms that it has obtained the prior consent of the data subject. TÜV Rheinland will care you chose-border associative related to the district in which the personal data was collected, the client also confirms that it has obtained the prior consent of the data subject. TÜV Rheinland will explore a confirm that it has obtained the prior consent of the data subject. TÜV Rheinland will explore the confirmation of the confirmation of

Retention of test material and documentation

The test samples submitted by the client to TUV Rheinland for testing will be scrapped following testing or will be returned to the client at the client's expense. The only exceptions are test samples, which are placed in storage on the basis of statutory regulations or of another Charges apply if the test samples are stored at the premises of TUV Rheinland. The cost of placing a test sample into storage will be disclosed to the client in the quotation. It reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations must be made available to TUV references, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentations are given to the client to be placed in storage at their premises, the reference samples or documentation are given to the control of the cont 15.4

16.1

Termination of the contract

Notwithstanding clause 3.3 of the GTCB, TÜV Rheinland and the client are entitled to terminate the contract in its entirely 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) mortifier notice to the end of the contractually agreed term. The combined is not to the contract of the contraction of the remaining services with six (6) mortifier notice to the end of the contraction agreed term. The combined is not to the contract of the contrac

17.2

withdrawn (for example during the performance of monitoring audis). Clause 16.3 applies accordingly.

Force Majeure

\*Terore Nejeure' 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, I and to a provide the contract, I and to the contract, I and to the contract, and (c) 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 overcome by the efficied Party, or contract, and (c) that the effects of the impediment could not reasonably have been avoided or overcome by the efficied Party, contract, and (c) that the effects of the impediment could not reasonably have been avoided or overcome by the efficied Party, contract, and (c) that the effects of the impediment could not reasonably have been avoided or overcome by the efficied Party, contract, and the presented to fulfill conditions (a) and (b) under paragraph 1 of this Clause: (i) war (whether declared or not), notellities, invasion, and foreign enemies, extensive military mobilization; (o) cild war, not, rebellion and revolution, military or usurped power, insurrection, act of terrorian, selection of violating and the efficiency of the efficiency of which is contracted to which is contracted to the efficiency of the efficienc

#### **18.** 18.1.

Hardship
The Parlies are bound to perform their contractual duties even if events have rendered performance more onerous than could reasonably have been anticipated at the time of the Notwithstanding paragraph 1 of this Clause, where a Party proves that:

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 continuation of the contract, and that attacked the control of the control of the contract, and that are also make the control of the control 18.3.

19.3

agreement of the other Party.

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

All amendments and supplements must be in writing in order to be effective. This also applies to amendments and supplements to this clause 171.

It also applies to amendments and supplements to this clause 171.

Description of the property of the propert