

Test Report No.: 158310078b1 001

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Client: **LEIFHEIT AG**
Leifheitstraße 1,
56377 Nassau,
Germany**Test item(s):** Scales**Identification/
Model No(s):** 61501 KSD Page Compact 300
61505 KSD Page Comfort 400
61506 KSD Page Profi 100
61509 KSD Page Profi 200
61514 KSD Page Compact 300 F+H/COOP
61515 KSD Page Compact 300 slate
61516 KSD Page Compact 300 marble
61517 KSD Aktuell Action NL pale blue
61518 KSD Aktuell Action NL White
61520 KWD Aktuell Action NL black
65856 KSD Roma silver
66308 KSD Bamboo**Sample Receiving date:** 2025-05-15, 2025-05-26**Condition at delivery:** Test item complete and undamaged**Place of testing:** Chemical laboratory Hong Kong**Test specification:****Test result:**Performed parameters for the compliance with the following regulations concerning materials in contact with foodstuff: **PASS**

- German §31 LFGB (Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch) and Regulation (EC) no. 1935/2004

Other Information:

Testing period: 2025-05-16 - 2025-06-03

For and on behalf of
TÜV Rheinland (Hong Kong) Ltd.

2025-06-06

Charles Ng/ Technical Manager

Date

Name / Position

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

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Material List:

Material No.	Material	Color	Location
M001	Glass	Transparent	Top of glass panel scales (61501, 61505, 61506, 61514, 61515, 61516, 61517, 61518, 61520, 65856)
M002	Metal + coating	Silvery / Black	Top of stainless steel panel scale (61509)
M003	Coating	Transparent	Top of stainless steel panel scale (61509)
M004	Bamboo + coating	Brown / Black	Top of bamboo panel scale (66308)
M005	Wood	Brown	Top of bamboo panel scale (66308)
M006	Coating	Transparent	Top of bamboo panel scale (66308)

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Test Results

1. Sensorial Examination

Test method: It is examined to the extent of food simulant being used, which comes into contact with the product, undergoes detectable changes in taste and smell.

For this purpose, the food simulant was stored in the product under the below mentioned time and temperature. Afterwards, the food simulant was examined by an appropriate number of tasters with regard to any divergence in smell and taste. Another test sample, which was used as a reference, was treated by the same way except that it had no contact with the product to be tested.

Before testing, the product had been cleaned according to the product's instruction manual or in the absence of such manual, by normal household cleaning.

The test is carried out on the basis of DIN 10955:2024 by paired comparison test:

Evaluation scheme:

0 = No perceptible difference

1 = Just perceptible difference (still difficult to define)

2 = Slight difference (possible to define)

3 = Marked difference

4 = Strong difference

Limit: 3 (failed)

The following food simulants and conditions were applied:

Food simulant	Test duration / Temperature
Water	30 mins at 40°C

Test No.:	T001
Material No.:	M002
Parameter:	Result
Transfer of Smell:	0
Transfer of Taste:	0

Food simulant	Test duration / Temperature
Cucumber	1 hours at 40°C

Test No.:	T002
Material No.:	M004
Parameter:	Result
Transfer of Smell:	0
Transfer of Taste:	0

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2. Global Migration

Test method: The migratory behaviour is examined with reference to Chapter V, Article 18 of Commission regulation 10/2011 and its amendments. Deviating to the regulations the following tests were performed as orientating single tests.

Limit: With reference to Commission Regulation (EU) No 10/2011 and amendments

The following food simulants and conditions were applied:

Food simulant	Test duration / Temperature
3% Acetic acid	30 mins at 40°C
95% Ethanol	30 mins at 40°C
Isooctane	6 mins at 20°C

Third migration:

Test No.:	T001		
Material No.:	M002		
Parameter	Unit	Result	Limit
3% Acetic acid	mg/dm ²	< 2	10
95% Ethanol	mg/dm ²	< 2	10
Isooctane	mg/dm ²	< 2	10

Abbreviations:

mg/dm² = Milligram per square decimetre

< = Less than

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3. Colourfastness from Coating

Test method: 24th Communication on the testing of plastics in Bundesgesundheitsbl. 15 (1972) 285

Requirement: BfR Recommendations on Food Contact Materials (formerly "Plastics Recommendations") Part IX "Colorants for Plastics and other Polymers used in Commodities" - *No transfer of colorants to foodstuffs is permitted*

Test No.:	T001
Sample No.:	M002
Parameter – Colourfastness to	Difference between blank and filter paper contacted with sample
Water	No
3% Acetic acid	No
50% Ethanol	No
Oil	No

4. Colourfastness from Paper

Test method: EN 646: 2018 "Paper and board intended to come into contact with foodstuffs – Determination of colourfastness of dyed paper and board".

Requirement: BfR Recommendations on Food Contact Materials (formerly "Plastics Recommendations") Part XXXVI, "Paper and board for food contact".

Test No.:	T001	
Material No.:	M004	
Parameter	Unit	Result
Procedure	-	B
Colour fastness to distilled water	Grade	5
Colour fastness to 3% acetic acid	Grade	5
Colour fastness to alkaline salt solution	Grade	5
Colour fastness to vegetable oil	Grade	5

Remark:

- *1 The BfR Recommendation on Food Contact Materials (formerly "Plastics Recommendations") Part XXXVI, "Paper and board for food contact" serves as basis for the evaluation of the test results. There must be no migration of colorants to the foodstuff. Testing is conducted according to DIN EN 646, where by grade 5 on the so-called grey scale must be reached.

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5. Specific Migration of Polycyclic Aromatic Hydrocarbons (PAHs)

Test method: The migratory behaviour was examined with reference to Commission Regulation (EU) No. 10/2011 and its amendments. Determination by GC-MS.

Limit: Please refer to remark 1

The following food simulant and condition was applied:

Food simulant	Test duration / Temperature
Isooctane	6 mins at 20°C

Test No.:	T001				
Material No.:	M002				
Parameter	CAS No.	Unit	RL	Result	Limit
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.01	n.d.	-
Benzo[e]pyrene	192-97-2	mg/kg	0.01	n.d.	-
Benzo[a]anthracene	56-55-3	mg/kg	0.01	n.d.	-
Benzo[b]fluoranthene	205-99-2	mg/kg	0.01	n.d.	-
Benzo[j]fluoranthene	205-82-3	mg/kg	0.01	n.d.	-
Benzo[k]fluoranthene	207-08-9	mg/kg	0.01	n.d.	-
Chrysene	218-01-9	mg/kg	0.01	n.d.	-
Dibenzo[a,h]anthracene	53-70-3	mg/kg	0.01	n.d.	-
Benzo[g,h,i]perylene	191-24-2	mg/kg	0.01	n.d.	-
Indeno[1,2,3-c,d]pyrene	193-39-5	mg/kg	0.01	n.d.	-
Naphthalene	91-20-3	mg/kg	0.01	n.d.	-
Anthracene	120-12-7	mg/kg	0.01	n.d.	-
Fluoranthene	206-44-0	mg/kg	0.01	n.d.	-
Phenanthrene	85-01-8	mg/kg	0.01	n.d.	-
Pyrene	129-00-0	mg/kg	0.01	n.d.	-
Sum of 15 PAHs	-	mg/kg	0.01	n.d.	n.d.

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Test No.:	T002				
Material No.:	M004				
Parameter	CAS No.	Unit	RL	Result	Limit
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.01	n.d.	-
Benzo[e]pyrene	192-97-2	mg/kg	0.01	n.d.	-
Benzo[a]anthracene	56-55-3	mg/kg	0.01	n.d.	-
Benzo[b]fluoranthene	205-99-2	mg/kg	0.01	n.d.	-
Benzo[j]fluoranthene	205-82-3	mg/kg	0.01	n.d.	-
Benzo[k]fluoranthene	207-08-9	mg/kg	0.01	n.d.	-
Chrysene	218-01-9	mg/kg	0.01	n.d.	-
Dibenzo[a,h]anthracene	53-70-3	mg/kg	0.01	n.d.	-
Benzo[g,h,i]perylene	191-24-2	mg/kg	0.01	n.d.	-
Indeno[1,2,3-c,d]pyrene	193-39-5	mg/kg	0.01	n.d.	-
Naphthalene	91-20-3	mg/kg	0.01	n.d.	-
Anthracene	120-12-7	mg/kg	0.01	n.d.	-
Fluoranthene	206-44-0	mg/kg	0.01	n.d.	-
Phenanthrene	85-01-8	mg/kg	0.01	n.d.	-
Pyrene	129-00-0	mg/kg	0.01	n.d.	-
Sum of 15 PAHs	-	mg/kg	0.01	n.d.	n.d.

Abbreviations:

mg/kg = Milligram per kilogram
 n.d. = Not detected (< Reporting Limit)
 RL = Reporting Limit
 < = Less than

Remark:

- *1 According to EU No. 1935/2004 materials and articles shall be manufactured in compliance to good manufacturing practice so that under normal and foreseeable conditions of use they do not transfer their constituents to food in quantities which could endanger human health or bring about an unacceptable change in the composition of the food. A migration of < 0.01 mg/kg per PAH is regarded as good manufacturing practice in this context.

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6. Release of Heavy Metals from Glassware

Test method: The test is performed reference to EN 1388-1:1995, EN 1388-2:1995 and DIN 51031:1986 respectively. The concentration of the elements is examined by means of atomic absorption spectroscopy or ICP-MS.

Limit: Pb, Cd: Directive 84/500/EEC
 Co: Working group of food chemistry experts from the federal states and the Federal Office of Consumer Protection and Food Safety (ALS), 109th Session 2017, Opinion No.2017/15
 Zn, Ba, Sb: Austrian Ceramic Ordinance

The following food simulant and condition was applied:

Food simulant	Test duration / Temperature
4% Acetic acid	24 hours at 22°C

Test No.:	T001		
Category:	1		
Internal volume:	Less than one litre		
Material No.:	M001		
Parameter	Unit	Result	Limit ^(1, 2)
Lead (Pb)	mg/dm ²	< 0.02	0.8
Cadmium (Cd)	mg/dm ²	< 0.002	0.07
Cobalt (Co)	mg/dm ²	< 0.01	0.02
Zinc (Zn)	mg/article	< 0.5	3.0
Barium (Ba)	mg/article	< 0.5	1.0
Antimony (Sb)	mg/article	< 0.5	1.0

Abbreviations:

mg/dm² = Milligram per square decimetre

mg/article = Milligram per article

< = Less than

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Remarks:

- *1 According to EU Directive 84/500/EEC, articles in contact with food should not exceed the following limits

Category	Description	Lead	Cadmium
1	Articles which can't and articles which can be filled, the internal depth of which, measured from the lowest point to the horizontal plane passing through the upper rim, does not exceed 25 mm	0.8 mg/dm ²	0.07 mg/dm ²
2	Other articles which can be filled	4.0 mg/l	0.3 mg/l
3	Cooking ware; packaging and storage vessels having a capacity of more than three litres	1.5 mg/l	0.1 mg/l

- *2 According to Austrian Ceramic Ordinance (BGBl. Nr. 893/1993 and its amendment), articles in contact with food should not exceed the following limits:

Category	Description	Zinc	Antimony	Barium
Internal volume	Less than one litre	3.0 mg/article ^(#)	1.0 mg/article ^(#)	1.0 mg/article ^(#)
	Greater than one litre	3.0 mg/l	1.0 mg/l	1.0 mg/l

(#) Calculation is based on the internal volume of the article

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7. Specific Migration of Formaldehyde

Test method: The migratory behaviour was examined with reference to Commission Regulation (EU) No. 10/2011 and its amendments. Determination with ref. to CEN/TS 13130-23:2005.

Limit: BfR Recommendations on Food Contact Materials, Part LI, Temperature Resistant Polymer Coating Systems for Frying, Cooking and Baking Utensils

The following food simulant and condition were applied:

Food simulant	Test duration / Temperature
3% Acetic acid	30 mins at 40°C

Third Migration:

Test No.:	T001				
Material No.:	M002				
Parameter	CAS No.	Unit	RL	Result	Limit
Formaldehyde	50-00-0	mg/kg	2	< RL	15

Third Migration:

Test No.:	T002				
Material No.:	M004				
Parameter	CAS No.	Unit	RL	Result	Limit
Formaldehyde	50-00-0	mg/kg	2	< RL	15

Abbreviations:

RL = Reporting Limit

mg/kg = Milligram per kilogram

< = Less than

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8. Pentachlorophenol, Trichlorophenol and Tetrachlorophenol

Test method: Ref. to 64 LFGB B82.02-8:2001

Test No.:	T001			
Material No.:	M005			
Parameter	Unit	RL	Result	Technically preventable limit
Pentachlorophenol (PCP)	mg/kg	0.1	n.d.	0.15
Trichlorophenol (TriCP)	mg/kg	0.1	n.d.	n.d.
Tetrachlorophenol (TeCP)	mg/kg	0.1	n.d.	n.d.

Abbreviations:

n.d. = Not detected (<Reporting Limit)

RL = Reporting Limit

mg/kg = Milligram per kilogram

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9. Pesticides

Test method: Organic solvent extraction, GC-ECD, GC-MS

Table 1: Selected Pesticides being tested

Test No.:	T001				
Material No.:	M005				
Selected Pesticides	Cas no.	Unit	RL	Result	Limit ⁽¹⁾
Allethrin	584-79-2	mg/kg	0.15	n.d.	n.d.
1-chloronaphthalene	90-13-1	mg/kg	0.15	n.d.	n.d.
2-chloronaphthalene	91-58-7	mg/kg	0.15	n.d.	n.d.
Chloropyrifos	2921-88-2	mg/kg	0.15	n.d.	n.d.
Chlorothalnil	1897-45-6	mg/kg	0.15	n.d.	n.d.
Cyfluthrin	68359-37-5	mg/kg	0.15	n.d.	n.d.
Cypermethrin	52315-07-8	mg/kg	0.15	n.d.	n.d.
DDE	3424-82-6, 72-55-9	mg/kg	0.15	n.d.	n.d.
DDT	50-29-3, 789-02-6	mg/kg	0.15	n.d.	n.d.
Diazinon	333-41-5	mg/kg	0.15	n.d.	n.d.
Dichlofluanid	1085-98-9	mg/kg	0.15	n.d.	n.d.
Dieldrin	60-57-1	mg/kg	0.15	n.d.	n.d.
α-Endosulfan	959-98-8	mg/kg	0.15	n.d.	n.d.
β-Endosulfan	33213-65-9	mg/kg	0.15	n.d.	n.d.
Fenitrothion	122-14-5	mg/kg	0.15	n.d.	n.d.
Fenthion	55-38-9	mg/kg	0.15	n.d.	n.d.
Fenvalerate	51630-58-1	mg/kg	0.15	n.d.	n.d.
Furmecycloz	60568-05-0	mg/kg	0.15	n.d.	n.d.
Hexachlorobenzene	118-74-1	mg/kg	0.15	n.d.	n.d.
Lindane(g-HCH)	58-89-9	mg/kg	0.15	n.d.	n.d.
Malathion	121-75-5	mg/kg	0.15	n.d.	n.d.
Methoxychlor	72-43-5	mg/kg	0.15	n.d.	n.d.
Parathion-ethyl	56-38-2	mg/kg	0.15	n.d.	n.d.
Parathion-methyl	298-00-0	mg/kg	0.15	n.d.	n.d.
Pentachloroanisole	1825-21-4	mg/kg	0.15	n.d.	n.d.
Permethrin	52645-53-1	mg/kg	0.15	n.d.	n.d.
Piperonyl butoxide	51-03-06	mg/kg	0.15	n.d.	n.d.

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Propiconazole	60207-90-1	mg/kg	0.15	n.d.	n.d.
Propoxur	114-26-1	mg/kg	0.15	n.d.	n.d.
Tebuconazole	107534-96-3	mg/kg	0.15	n.d.	n.d.
Tetrachlorvinylphos	22248-79-9	mg/kg	0.15	n.d.	n.d.
Tetramethrin	7696-12-0	mg/kg	0.15	n.d.	n.d.
Tolyfluanid	731-27-1	mg/kg	0.15	n.d.	n.d.

Abbreviations:

n.d. = Not detected (<Reporting Limit)

RL = Reporting Limit

mg/kg = Milligram per kilogram

Remark:

*1 Technically preventable limit

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10. Specific Release of Metals

Test method: The sample preparation is performed with reference to "Technical Guide on Metals and alloys used in food contact materials and articles" - 2nd Edition. Presence of elements were detected by means of ICP-MS.

Limit: Technical Guide on Metals and alloys used in food contact materials and articles – 2nd Edition

The following food simulant and condition was applied:

Food simulant	Test duration / Temperature
0.5% Citric Acid	30 mins at 40°C

Test No.:	T001					
Material No.:	M002					
Volume to surface area ratio	166 ml / dm ²					
			Sum 1 st + 2 nd test		3 rd test	
Parameter	Unit	RL	Result	Limits ^(*)	Result	Limits ^(*)
Silver (Ag)	mg/kg	0.05	<RL	0.56	<RL	0.08
Aluminum (Al)	mg/kg	0.1	<RL	35	<RL	5
Cobalt (Co)	mg/kg	0.01	<RL	0.14	<RL	0.02
Chromium (III) (Cr)	mg/kg	0.01	<RL	7	<RL	1
Copper (Cu)	mg/kg	0.5	<RL	28	<RL	4
Iron (Fe)	mg/kg	5	<RL	280	<RL	40
Manganese (Mn)	mg/kg	0.1	<RL	3.85	<RL	0.55
Molybdenum (Mo)	mg/kg	0.02	<RL	0.84	<RL	0.12
Nickel (Ni)	mg/kg	0.01	<RL	0.98	<RL	0.14
Tin (Sn)	mg/kg	10	<RL	700	<RL	100
Vanadium (V)	mg/kg	0.01	<RL	0.07	<RL	0.01
Zinc (Zn)	mg/kg	1	<RL	35	<RL	5
Zirconium (Zr)	mg/kg	0.1	<RL	14	<RL	2
Arsenic (As)	mg/kg	0.002	<RL	0.014	<RL	0.002
Barium (Ba)	mg/kg	0.1	<RL	8.4	<RL	1.2
Beryllium (Be)	mg/kg	0.01	<RL	0.07	<RL	0.01
Cadmium (Cd)	mg/kg	0.002	<RL	0.035	<RL	0.005
Mercury (Hg)	mg/kg	0.003	<RL	0.021	<RL	0.003
Lithium (Li)	mg/kg	0.02	<RL	0.336	<RL	0.048
Lead (Pb)	mg/kg	0.01	<RL	0.07	<RL	0.01
Antimony (Sb)	mg/kg	0.01	<RL	0.28	<RL	0.04
Thallium (Tl)	mg/kg	0.0005	<RL	0.007	<RL	0.001

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Abbreviations:

RL = Reporting Limit
mg/kg = Milligram per kilogram
< = Less than

Remark:

- *1 Compliance is established on the findings on the third test for products intended for repeated use.
- *2 In addition, the sum of each metal in the first and second test should not exceed the sevenfold limit.

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11. Specific Migration of Primary Aromatic Amines

Test method: The migratory behaviour was examined with reference to Commission Regulation (EU) No 10/2011 and its amendments. Determination by LC-MS/MS.

Limit: With reference to Commission Regulation (EU) No 10/2011 and its amendments

The following food simulant and condition were applied:

Food simulant	Test duration / Temperature
3% Acetic acid	30 mins at 40°C

Test No.:		T001			
Material No.:		M002			
Parameter	CAS no.	Unit	RL	Result	Limit
2,4-Diaminoanisole	615-05-4	mg/kg	0.002	n.d.	n.d.
2,4-toluenediamine	95-80-7	mg/kg	0.002	n.d.	n.d.
4,4'-oxydianiline	101-80-4	mg/kg	0.002	n.d.	n.d.
Benzidine	92-87-5	mg/kg	0.002	n.d.	n.d.
4,4'-methylenedianiline	101-77-9	mg/kg	0.002	n.d.	n.d.
o-anisidine	90-04-0	mg/kg	0.002	n.d.	n.d.
o-Toluidine	95-53-4	mg/kg	0.002	n.d.	n.d.
4,4'-bi-o-toluidine	119-93-7	mg/kg	0.002	n.d.	n.d.
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	0.002	n.d.	n.d.
4-chloroaniline	106-47-8	mg/kg	0.002	n.d.	n.d.
p-cresidine	120-71-8	mg/kg	0.002	n.d.	n.d.
4-chloro-o-toluidine	95-69-2	mg/kg	0.002	n.d.	n.d.
4-aminobiphenyl	92-67-1	mg/kg	0.002	n.d.	n.d.
4,4'-Methylene-di-o-toluidine	838-88-0	mg/kg	0.002	n.d.	n.d.
4,4'-thiodianiline	139-65-1	mg/kg	0.002	n.d.	n.d.
2-Naphthylamine	91-59-8	mg/kg	0.002	n.d.	n.d.
3,3'-Dichlorobenzidine	91-94-1	mg/kg	0.002	n.d.	n.d.
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	0.002	n.d.	n.d.
4-aminoazobenzene	60-09-3	mg/kg	0.002	n.d.	n.d.
o-aminoazotoluene	97-56-3	mg/kg	0.002	n.d.	n.d.
2,4,5-Trimethylaniline	137-17-7	mg/kg	0.002	n.d.	n.d.
2-Methyl-5-nitroaniline	99-55-8	mg/kg	0.002	n.d.	n.d.
m-phenylenediamine	108-45-2	mg/kg	0.002	n.d.	n.d.
Benzoguanamine	91-76-9	mg/kg	0.01	n.d.	5
4,4'-Methylenebis-(3-chloro-2,6-diethylaniline)	106246-33-7	mg/kg	0.01	n.d.	0.05
PAAs not listed in entry 43 to Appendix 8 of Annex XVII to Regulation (EC) No 1907/2006 and its amendments					
p-toluidine	106-49-0	mg/kg	0.01	n.d.	-

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p-phenylenediamine	106-50-3	mg/kg	0.01	n.d.	-
2-Methyl-4-nitroaniline	99-52-5	mg/kg	0.01	n.d.	-
o-phenylenediamine	95-54-5	mg/kg	0.01	n.d.	-
1,5-naphthylenediamine	2243-62-1	mg/kg	0.01	n.d.	-
Aniline	62-53-3	mg/kg	0.01	n.d.	-
2,4-Dimethylaniline	95-68-1	mg/kg	0.01	n.d.	-
2,6-Dimethylaniline	87-62-7	mg/kg	0.01	n.d.	-
5-Chloro-2-methylaniline	95-79-4	mg/kg	0.01	n.d.	-
2,6-toluenediamine	823-40-5	mg/kg	0.01	n.d.	-
5-Amino-6-methyl-1,3-dihydro-2H-benzimidazol-2-one	67014-36-2	mg/kg	0.01	n.d.	-
4-aminobenzamide	2835-68-9	mg/kg	0.01	n.d.	-
3-Amino-4-methylbenzamide	19406-86-1	mg/kg	0.01	n.d.	-
m-Anisidine	536-90-3	mg/kg	0.01	n.d.	-
m-toluidine	108-44-1	mg/kg	0.01	n.d.	-
4-Ethoxyaniline	156-43-4	mg/kg	0.01	n.d.	-
2-ethoxyaniline	94-70-2	mg/kg	0.01	n.d.	-
4-Chloro-3-methoxyaniline	13726-14-2	mg/kg	0.01	n.d.	-
1,3-Diiminoisoindoline	3468-11-9	mg/kg	0.01	n.d.	-
3-Amino-4-methoxybenzanilide	120-35-4	mg/kg	0.01	n.d.	-
2,4,5-Trichloroaniline	636-30-6	mg/kg	0.01	n.d.	-
4-chloro-2,5-dimethoxyaniline	6358-64-1	mg/kg	0.01	n.d.	-
2-Methoxy-4-nitroaniline	97-52-9	mg/kg	0.01	n.d.	-
5-Chloro-2-methoxyaniline	95-03-4	mg/kg	0.01	n.d.	-
3-Chloroaniline	108-42-9	mg/kg	0.01	n.d.	-
2-Chloroaniline	95-51-2	mg/kg	0.01	n.d.	-
Dimethyl-2-aminoterephthalate	5372-81-6	mg/kg	0.01	n.d.	-
Biphenyl-2-ylamine	90-41-5	mg/kg	0.01	n.d.	-
2,5-Dichloroaniline	95-82-9	mg/kg	0.01	n.d.	-
2-Nitroaniline	88-74-4	mg/kg	0.01	n.d.	-
4-Aminotoluene-3-sulfonic acid	88-44-8	mg/kg	0.01	n.d.	-
2-Aminonaphthalene-1-sulfonic acid	81-16-3	mg/kg	0.01	n.d.	-
2,4-Dinitroaniline	97-02-9	mg/kg	0.01	n.d.	-
2-Chloro-4-nitroaniline	121-87-9	mg/kg	0.01	n.d.	-
Sum of Primary Aromatic Amines*1	-	mg/kg	0.01	n.d.	n.d.

Test No.:		T002			
Material No.:		M004			
Parameter	CAS no.	Unit	RL	Result	Limit
2,4-Diaminoanisole	615-05-4	mg/kg	0.002	n.d.	n.d.
2,4-toluenediamine	95-80-7	mg/kg	0.002	n.d.	n.d.

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4,4'-oxydianiline	101-80-4	mg/kg	0.002	n.d.	n.d.
Benzidine	92-87-5	mg/kg	0.002	n.d.	n.d.
4,4'-methylenedianiline	101-77-9	mg/kg	0.002	n.d.	n.d.
o-anisidine	90-04-0	mg/kg	0.002	n.d.	n.d.
o-Toluidine	95-53-4	mg/kg	0.002	n.d.	n.d.
4,4'-bi-o-toluidine	119-93-7	mg/kg	0.002	n.d.	n.d.
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	0.002	n.d.	n.d.
4-chloroaniline	106-47-8	mg/kg	0.002	n.d.	n.d.
p-cresidine	120-71-8	mg/kg	0.002	n.d.	n.d.
4-chloro-o-toluidine	95-69-2	mg/kg	0.002	n.d.	n.d.
4-aminobiphenyl	92-67-1	mg/kg	0.002	n.d.	n.d.
4,4'-Methylene-di-o-toluidine	838-88-0	mg/kg	0.002	n.d.	n.d.
4,4'-thiodianiline	139-65-1	mg/kg	0.002	n.d.	n.d.
2-Naphthylamine	91-59-8	mg/kg	0.002	n.d.	n.d.
3,3'-Dichlorobenzidine	91-94-1	mg/kg	0.002	n.d.	n.d.
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	0.002	n.d.	n.d.
4-aminoazobenzene	60-09-3	mg/kg	0.002	n.d.	n.d.
o-aminoazotoluene	97-56-3	mg/kg	0.002	n.d.	n.d.
2,4,5-Trimethylaniline	137-17-7	mg/kg	0.002	n.d.	n.d.
2-Methyl-5-nitroaniline	99-55-8	mg/kg	0.002	n.d.	n.d.
m-phenylenediamine	108-45-2	mg/kg	0.002	n.d.	n.d.
Benzoguanamine	91-76-9	mg/kg	0.01	n.d.	5
4,4'-Methylenebis-(3-chloro-2,6-diethylaniline)	106246-33-7	mg/kg	0.01	n.d.	0.05
PAAs not listed in entry 43 to Appendix 8 of Annex XVII to Regulation (EC) No 1907/2006 and its amendments					
p-toluidine	106-49-0	mg/kg	0.01	n.d.	-
p-phenylenediamine	106-50-3	mg/kg	0.01	n.d.	-
2-Methyl-4-nitroaniline	99-52-5	mg/kg	0.01	n.d.	-
o-phenylenediamine	95-54-5	mg/kg	0.01	n.d.	-
1,5-naphthylenediamine	2243-62-1	mg/kg	0.01	n.d.	-
Aniline	62-53-3	mg/kg	0.01	n.d.	-
2,4-Dimethylaniline	95-68-1	mg/kg	0.01	n.d.	-
2,6-Dimethylaniline	87-62-7	mg/kg	0.01	n.d.	-
5-Chloro-2-methylaniline	95-79-4	mg/kg	0.01	n.d.	-
2,6-toluenediamine	823-40-5	mg/kg	0.01	n.d.	-
5-Amino-6-methyl-1,3-dihydro-2H-benzimidazol-2-one	67014-36-2	mg/kg	0.01	n.d.	-
4-aminobenzamide	2835-68-9	mg/kg	0.01	n.d.	-
3-Amino-4-methylbenzamide	19406-86-1	mg/kg	0.01	n.d.	-
m-Anisidine	536-90-3	mg/kg	0.01	n.d.	-
m-toluidine	108-44-1	mg/kg	0.01	n.d.	-
4-Ethoxyaniline	156-43-4	mg/kg	0.01	n.d.	-

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2-ethoxyaniline	94-70-2	mg/kg	0.01	n.d.	-
4-Chloro-3-methoxyaniline	13726-14-2	mg/kg	0.01	n.d.	-
1,3-Diiminoisindoline	3468-11-9	mg/kg	0.01	n.d.	-
3-Amino-4-methoxybenzanilide	120-35-4	mg/kg	0.01	n.d.	-
2,4,5-Trichloroaniline	636-30-6	mg/kg	0.01	n.d.	-
4-chloro-2,5-dimethoxyaniline	6358-64-1	mg/kg	0.01	n.d.	-
2-Methoxy-4-nitroaniline	97-52-9	mg/kg	0.01	n.d.	-
5-Chloro-2-methoxyaniline	95-03-4	mg/kg	0.01	n.d.	-
3-Chloroaniline	108-42-9	mg/kg	0.01	n.d.	-
2-Chloroaniline	95-51-2	mg/kg	0.01	n.d.	-
Dimethyl-2-aminoterephthalate	5372-81-6	mg/kg	0.01	n.d.	-
Biphenyl-2-ylamine	90-41-5	mg/kg	0.01	n.d.	-
2,5-Dichloroaniline	95-82-9	mg/kg	0.01	n.d.	-
2-Nitroaniline	88-74-4	mg/kg	0.01	n.d.	-
4-Aminotoluene-3-sulfonic acid	88-44-8	mg/kg	0.01	n.d.	-
2-Aminonaphthalene-1-sulfonic acid	81-16-3	mg/kg	0.01	n.d.	-
2,4-Dinitroaniline	97-02-9	mg/kg	0.01	n.d.	-
2-Chloro-4-nitroaniline	121-87-9	mg/kg	0.01	n.d.	-
Sum of Primary Aromatic Amines* ¹	-	mg/kg	0.01	n.d.	n.d.

Abbreviations:

RL = Reporting Limit

n.d. = Not detected

mg/kg = Milligram per kilogram

< = Less than

Remark:

- *1 Sum of Primary Aromatic Amines does not include the value of Benzoguanamine and 4,4'-Methylenebis-(3-chloro-2,6-diethylaniline) as the SML of both substances should refer to EU 10/2011 Union list.

Single components with an amount of less than reporting limit were not considered by the calculation of the sum. In the case of all of Primary Aromatic Amines were not detected, the result is stated n.d.

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- END -

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

1. Scope

1.1 These General Terms and Conditions of Business of TÜV Rheinland in Greater China ("GTBC") is made between the client and one or more members of TÜV Rheinland in Greater China as applicable as the case may be ("TÜV Rheinland"). The Greater China hereof refers to the regions within the territories of China. The client herself includes:

- a) a natural person capable to form legally binding contracts under the applicable laws who concludes the contract for the purpose of a daily use;

- b) the incorporated or unincorporated entity duly organized, validly existing and capable to form legally binding contracts under the applicable law;

1.2 The following terms and conditions apply to agreed services including consultancy services, information, deliveries and services as well as ancillary services and other secondary obligations provided within the scope of contract performance.

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.

1.4 In the context of an ongoing business relationship with the client, this GTBC shall also apply to future contracts with the client without TÜV Rheinland having to refer to them separately in each individual case.

2. Quotation

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.

3. Coming into effect and duration of contracts

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 in electronic means) or by performing the requested work. The contract shall come into effect on the date of the written notice or the date of the first work performed.

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.

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

4. Scope of services

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. 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) are not owed. In particular, no responsibility is assumed for the design, selection of materials, construction or intended use of an examined part, product, process or plant, unless this is expressly stated in the order.

4.2 The agreed services shall be performed in compliance with the regulations in force at the time the contract is entered into.

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.

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 part whole and its upstream and/or downstream processes, organizations, use and operation in accordance with regulations, nor of the systems on 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 these questions are expressly covered by 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.

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 realising additional expenses.

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.

4.8 The client understands and agrees that in order to perform the contract with TÜV Rheinland, the client may need to sign one or more contracts/agreements with/through third parties (a) and establish legal relationships with/those third parties (b) according to the contract. TÜV Rheinland will merely bear the corresponding legal liability according to the contract and the direct services actually to be provided by our company in the service process. If the relevant services are not directly provided by TÜV Rheinland (including but not limited to any testing and certification services to be provided by third testing and certification bodies), TÜV Rheinland will provide the client as agent for such relevant services. In order to achieve the purpose of the contract, the client hereby agrees that TÜV Rheinland can also sub-assign to a third party to provide agency services, but TÜV Rheinland shall not bear any responsibility and/or risks for any services to be provided by any third parties (including but not limited to the testing and/or certification services to be entrusted and/or applied for by our company on behalf of the client) or third testing and/or certification bodies, agency services provided by any other third agent(s), etc.). Besides, the client shall be liable in accordance with the relevant laws and regulations and for the terms under the contract. If the client is required to conduct any annual reviews/overviews of the relevant testing and/or certification services results and pay additional fees in accordance with the relevant laws and regulations or the testing and certification rules, such fees are not within the scope of the contract price. The client shall timely perform the obligation of such annual reviews/overviews and pay the corresponding fees. If the client fails to perform such obligations of the annual reviews/overviews or fails to pay the corresponding fees, TÜV Rheinland reserves the right to suspend the testing and/or certification services, which shall not be borne by TÜV Rheinland.

4.9 For the service content agreed in the contract, the client requires TÜV Rheinland to deliver relevant test samples, data, etc., at any location/venue or other places or sites to be designated by the client. TÜV Rheinland shall not take any responsibilities or risks for any problems during delivery and the transportation process (including but not limited to any loss or damages of the samples and/or the materials, etc.). Besides, the relevant freight fees shall be borne by the client.

5. Performance period/dates

5.1 The contractually agreed period/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 being confirmed as binding by TÜV Rheinland in writing.

5.2 Binding periods of performance have been agreed, these periods shall not commence until the client has submitted all required documents to TÜV Rheinland.

5.3 Article 5.1 and 5.2 also apply, even without express approval by the client, to all extensions of agreed period/dates of performance not agreed with TÜV Rheinland.

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.

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 to the length of the hindrance plus any time period which may be required to resume performance.

5.6 If the client is obliged to comply with legal, officially prescribed and/or by the accreditator prescribed deadlines, it is the client's responsibility to agree on performance dates with TÜV Rheinland, which enable the client to comply with the legal and/or officially prescribed deadlines. TÜV Rheinland assumes no responsibility in this respect unless TÜV Rheinland expressly agreed in writing specifically stating that ensuring the deadlines is the contractual obligation of TÜV Rheinland.

6. The client's obligation to cooperate

6.1 The client shall guarantee that all cooperation required on its part, its agents or third parties will be provided in good time and in no way to TÜV Rheinland.

6.2 Design documents, specifications, auxiliary info, 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:

- a) it has required statutory qualifications;
- b) the product, service or management system to be certified complies with applicable laws and regulations; and
- c) it doesn't have any illegal and dishonest behaviors 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 aforementioned representations and warranties, TÜV Rheinland is entitled to i) immediately terminate the contract/under third party notice; and ii) withdraw the issued testing report/certificates if any.

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 charge a fee for each additional expense.

7. Prices

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.

7.2 Unless otherwise agreed, work shall be invoiced according to the progress of the work.

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 €20,000 or equivalent value in local currency, TÜV Rheinland may demand payments on account or in instalments.

8. Payment terms

8.1 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.

8.2 Payments shall be made to the bank account of TÜV Rheinland as indicated on the invoice, stating the invoice and client numbers.

8.3 In case 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.

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.

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 or assets or cases in which the commencement of insolvency proceedings has been demonstrated to lack of assets.

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

8.7 TÜV Rheinland shall be entitled to demand appropriate advance payments.

8.8 TÜV Rheinland shall be entitled to raise its fee at the beginning of a month if overhead 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 have the right to terminate the contract at 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 sever any amount due or payable by the client, including but not limited to settlement against any fees paid by the client under any contract, agreement and/or order/supplies reached with TÜV Rheinland.

9. Acceptance of work

9.1 Any part of the work result ordered which is complete in itself may be presented by TÜV Rheinland for acceptance as an instalment. The client shall be obliged to accept it immediately.

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 fundamental reasons for non-acceptance by TÜV Rheinland.

9.3 The client is not entitled to refuse acceptance due to insignificant technical breach of contract by TÜV Rheinland.

9.4 If acceptance is excluded according to the nature of the work performance of TÜV Rheinland, the completion of the work shall take effect.

9.5 During the Follow-Audit stage, if the client is 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), or if the client causes or postpones a confirmed audit date within two (2) weeks before the agreed date, 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 TÜV Rheinland has acted in a reasonable manner, which would result in a reduction of the compensation to a maximum of 5% of the order amount, 9.6 should 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 client 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.

10. Confidentiality

10.1 For the purpose of these terms and conditions, "confidential information" means all know-how, trade secrets, documents, images, design rights, expertise, information, data, test results, reports, samples, project documents, private 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 format. 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 in advance and the disclosing party shall confirm in writing the confidentiality nature of the information within 1 week 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. The disclosing party shall be responsible for the disclosure of confidential information to other systems (e.g. WeChat, etc.). Unauthorized by TÜV Rheinland to send any confidential information to TÜV Rheinland or to the client shall be deemed to be a breach of confidentiality. The disclosing party shall ensure that 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 held responsible for any compensation of the client.

10.3 All oral 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:

- 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;

- 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, inspection reports or documentation to the government authorities, judicial court, accreditation bodies or third parties (including but not limited to the relevant direct and/or indirect purchased suppliers, machine manufacturers whose products are used in the production process, subcontractors, etc.) of the client's test products and/or certified products, etc.); that are involved in the performance of the contract;

- 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 lower level of confidentiality than that which is reasonably required for the performance of the contract.

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 those employees to observe the same level of secrecy as set forth in this confidential clause.

10.5 Information for which the receiving party can furnish proof that:

- 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

- b) was disclosed to the receiving party by a third party entitled to disclose this information; or

c) the disclosing party already possessed this information prior to disclosure by the disclosing party; or d) the receiving party developed it itself, imply confidentiality by the disclosing party, shall not be deemed to constitute "confidential information" as defined in this confidential clause.

10.6 All oral 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 so requested by the disclosing party but which shall latest and without special request for termination or expiry of the contract. This does not extend to include reports and certificates prepared by 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 those reports and certificates in order to evidence the correctness of its results and for other administrative and/or legal purposes required by laws, regulations and the requirements of working procedures of TÜV Rheinland.

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 secrecy of all confidential information and shall not disclose this information to any third parties or use it for itself.

11. Copyrights and rights of use, publications

11.1 TÜV Rheinland shall retain all exclusive copyrights in the reports, expert reports/opinions, test reports/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").

11.2 The client receives a simple, unlimited, nontransferable, nonassignable 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, calculations, presentations etc. prepared within the scope of the contract for the contractually agreed purpose.

11.3 The transfer of right of use of the generated work results resulting in clause 11.2, of the GTBC is subject to full payment of the remuneration agreed in favour of TÜV Rheinland.

11.4 The client may use work results only completely and undistorted. 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.

11.5 Any publication or duplication of the work results for advertising purposes or any further use of the work results beyond the scope required in clause 11.2, and any question of the introduction of TÜV Rheinland need the prior written approval of TÜV Rheinland in each individual case. Besides, the client ensures that the addressed use shall comply with relevant applicable laws, regulations and relevant rules (including but not limited to specific applicable testing and expert action rules, etc.).

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.

11.7 If the content 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.

12. Liability of TÜV Rheinland

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, in legal representatives and/or employees shall be limited to: (i) in the case of a contract with a total order value, 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 the fee for the individual order unless 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 25 Million Euro or equivalent amount in local currency, the total and accumulated liability of TÜV Rheinland shall be only limited to that and shall not exceed the said 25 Million Euro or equivalent amount in local currency.

12.2 The limitation of liability according to article 12.1 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 personal injury or death.

12.3 In case involving a fundamental breach of contract, TÜV Rheinland will be liable even where minor negligence is involved. For this purpose, a "fundamental breach" is a 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 foreseeable as a possible consequence of such breach of contract at the time of the breach (reasonably foreseeable damages), unless any of the circumstances described in article 12.2 applies.

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 contractually agreed in writing, TÜV Rheinland shall only be liable under the contract to the client.

12.6 The limitation periods for claims for damages shall be based on statutory provisions.

12.7 None of the provisions of this article 12 changes the burden of proof to the disadvantage of the client.

13. Export control

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.

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 export control legislation or embargo 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 by TÜV Rheinland.

14. Data protection notice

The client 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 its contractual obligations. The client confirms that it has obtained the prior consent of the data subject which entitles TÜV Rheinland to access, use, or process the personal data that the client collected or processed by itself and transferred to TÜV Rheinland. For certain services, we may also process sensitive personal data. TÜV Rheinland will use and process the data in 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 carry out cross-border data transmission and protect the data in compliance with the privacy and personal data security related laws and regulations in China and the local country. TÜV Rheinland will take measures to avoid any leakage, abuse, manipulation, damage or unauthorized access of personal data and ensure that personal data will be deleted immediately if it is no longer necessary for deletion areas. Data subjects may exercise the following rights: right of information, right of decision, 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 the person concerned as the person responsible for the respective data protection information. You can contact the Group Data Protection Officer of TÜV Rheinland by e-mail at dataprotection@tuv.com or by post at the following address: TÜV Rheinland AG, c/o Group Data Protection Officer, Am Grauen Stein, 51105 Cologne, Germany.

15. Retention of test material and documentation

15.1 The test samples submitted by the client to TÜV Rheinland for testing will be scrapped following testing but 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 agreement with the client.

15.2 Charges apply if the test samples are stored at the premises of TÜV Rheinland. The cost of placing a test sample into storage will be charged to the client in the event of a dispute.

15.3 If 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 TÜV Rheinland upon request promptly and if of charge. If the client, in response to such a request, is unable of making available the reference samples and/or documentation, any liability claims and pecuniary damage resulting from the respective testing and certification that is brought forward by the client against TÜV Rheinland shall be waived.

15.4 The retention period for the documentation shall be 10 (ten) years after the expiry of the test mark certificates or shall meet the applicable legal requirements for EU/EEC certificates of conformity and GSN mark certificates.

15.5 The costs of the handover and dispatch of the test samples for storage on the client's premises are borne by the client. TÜV Rheinland will be liable for the loss of test samples or references samples from the laboratories or warehouses of TÜV Rheinland only in the event of gross negligence.

16. Termination of the contract

16.1 Notwithstanding clause 3.3 of the GTBC, 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 part of the contract individually and independently of the continuation of the remaining services with six (6) months' notice to the end of the month. The notice period shall be shortened to six (6) weeks in case of TÜV Rheinland in a previous if not performing the services due to a loss or a suspension of its accreditation or notification.

16.2 For good cause, TÜV Rheinland may consider giving a written notice to the client to terminate the contract without bearing any liabilities and the client shall pay the relevant service fees for the services provided by TÜV Rheinland until the termination date of the contract. The foreseen good causes include but not limited to the following:

- a) the client does not immediately notify TÜV Rheinland of changes in the conditions within the company which are relevant for the certificate origins of such changes;
- b) the client misses the certificate or certification mark or uses it in violation of the contract;
- c) in the event of several consecutive delays in payment (at least three times);

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.

e) in the event of any serious misrepresentation, be it intentional or grossly negligent behavior of the managers, employees or agents of the client.

f) TÜV Rheinland, for reasons beyond its control, is temporarily or finally not able or entitled to continue or finalize the performance of the service, e.g. in the case of force majeure, government intervention, sanctions, loss of accreditation or notification, or other. g) if the country/region involved in the whole contract or the spec is not included in the contract due to the insurance coverage provided by TÜV Rheinland, if TÜV Rheinland believes that there is a risk or some risks beyond its control to continue to perform the contract.

16.3 In 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 pay 15% of the remuneration to be paid until the end of the termination 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.

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 sending service provision provided by TÜV Rheinland within the scope of a certification.

17. Force Majeure

17.1 "Force Majeure" means the occurrence of an event or circumstance that prevents or impedes a Party from performing more or more of its contractual obligations under the contract, if and to the extent that that Party proves: (a) that such impediment is beyond its 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.

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) of paragraph 1 of this article: (i) war (whether declared or not), hostilities, invasion, act of foreign enemies, excessive military mobilization; (ii) civil war, riot, rebellion and revolution, military or civil power, insurrection, act of terrorism, sabotage or piracy; (iii) currency and trade restrictions, embargo, sanction; (iv) act of authority whether laws or regulations, compliance with any law or governmental order, expropriation, seizure of works, requisition, nationalization; (v) plague, epidemic, natural disaster or an external natural event; (vi) explosion, fire, destruction of equipment, prolonged break down of transport, telecommunication, information system or energy; (vii) general labor disturbance such as boycott, strike and lock-out, go-slow, occupation of factories and premises.

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 within the time specified in the contract, the Party shall be deemed to have accepted the other Party. Where the effect of the impediment or event involved is temporary, the above consequences shall apply only as long as the impediment continues to impede performance by the affected Party. In the event of the termination of the impediment involved has the effect of substantially derailing 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 time after the termination of the impediment. If the Party reasonably agree that the contract may be terminated by either Party if the duration of the impediment exceeds 120 days.

18. Hardship

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

18.2 Notwithstanding paragraph 1 of this Clause, where a Party proves that:

- (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

(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.

18.3 Where Clause 18.2 applies, but where the Parties have been unable to agree alternative contractual terms as provided in that paragraph, 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.

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

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.

19.2 Should one or several of the provisions under the contract and/or these terms and conditions be or become ineffective, the contracting parties shall replace the invalid provisions with a legally valid provision that comes closest to the content of the invalid provision in legal and commercial terms.

19.3 Unless otherwise stipulated in the contract, the governing law of the contract and these terms and conditions shall be chosen following the rules as below:

a) If TÜV Rheinland in question is legally registered and existing in the People's Republic of China, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of the People's Republic of China.

b) If TÜV Rheinland in question is legally registered and existing in Taiwan, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Taiwan.

c) If TÜV Rheinland in question is legally registered and existing in Hong Kong, the contracting parties hereby agree that the contract and these terms and conditions shall be governed by the laws of Hong Kong.

19.4 Any dispute in connection with the contract and these terms and conditions or the execution thereof shall be settled by arbitration. Unless otherwise stipulated in the contract, the arbitration shall be conducted by the arbitration institution of the extension of the negotiation period can be reached within two months of the arising of the dispute, the dispute shall be submitted.

a) in the case of TÜV Rheinland in question being legally registered and existing in the People's Republic of China, the Arbitration Commission of the China Arbitration Association (CIAC) shall be settled by arbitration under the Arbitration Rules of CIAC; 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.

b) in the case of TÜV Rheinland in question being legally registered and existing in Taiwan, the Chinese Arbitration Association (CAA) shall be settled by arbitration in accordance with its then current Rules of Arbitration. The arbitration shall take place in Taipei.

c) in the case of TÜV Rheinland being legally registered and existing in Hong Kong, to Hong Kong International Arbitration Centre (HKIAC) shall be settled by arbitration under the HKIAC Administrative Arbitration Rules in force when the arbitration is submitted. The arbitration shall take place in Hong Kong. The decision of the relevant arbitration tribunal shall be final and binding on both parties. The arbitration fee shall be borne by the losing party.

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Client: **LEIFHEIT AG**
Leifheitstraße 1,
56377 Nassau,
Germany**Test item(s):** Scales**Identification/
Model No(s):** 61501 KSD Page Compact 300
61505 KSD Page Comfort 400
61506 KSD Page Profi 100
61509 KSD Page Profi 200
61514 KSD Page Compact 300 F+H/COOP
61515 KSD Page Compact 300 slate
61516 KSD Page Compact 300 marble
61517 KSD Aktuell Action NL pale blue
61518 KSD Aktuell Action NL White
61520 KWD Aktuell Action NL black
65856 KSD Roma silver
66308 KSD Bamboo**Sample Receiving date:** 2025-05-15, 2025-05-26**Condition at delivery:** Test item complete and undamaged**Place of testing:** Chemical laboratory Hong Kong**Test specification:**

Customer's requirement:

- Bisphenol A Content

Test result:

PASS

Other Information:

Testing period: 2025-05-16 - 2025-06-03

For and on behalf of
TÜV Rheinland (Hong Kong) Ltd.

2025-06-06

Charles Ng/ Technical Manager

Date

Name / Position

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

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Material List:

Material No.	Material	Color	Location
M001	Glass	Transparent	Top of glass panel scales (61501, 61505, 61506, 61514, 61515, 61516, 61517, 61518, 61520, 65856)
M002	Metal + coating	Silvery / Black	Top of stainless steel panel scale (61509)
M003	Coating	Transparent	Top of stainless steel panel scale (61509)
M004	Bamboo + coating	Brown / Black	Top of bamboo panel scale (66308)
M005	Wood	Brown	Top of bamboo panel scale (66308)
M006	Coating	Transparent	Top of bamboo panel scale (66308)

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Test Results**Bisphenol A Content**

Test method: Extraction with acetonitrile, detection and quantification by means of LC-MS/MS (with reference to the recommended method from the DGCCRF publication for implementation of the Bisphenol A Act)

Limit: French Decree N° 2012-1442 of 24 December 2012

Test No.:	T001			
Material No.:	M003			
Parameter	Unit	RL	Result	Limit
Bisphenol A	mg/kg	0.1	n.d.	n.d.

Test No.:	T002			
Material No.:	M006			
Parameter	Unit	RL	Result	Limit
Bisphenol A	mg/kg	0.1	n.d.	n.d.

Abbreviations:

n.d. = Not detected (<Reporting Limit)

RL = Reporting Limit

mg/kg = Milligram per kilogram

< = Less than

Remark:

- *1 According to French Decree N° 2012-1442 of 24 December 2012, Bisphenol-A is not allowed to be used in any packaging, container or utensil which is intended to be in direct contact with foodstuffs.

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Sample photos:



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Sample photos:



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