

TEST REPORT

Reference No.		WTF16F0859475C
Applicant	•	
Address	i.	
Manufacturer		
Address		
Sample Name	: • :	Blender
Model No.	·	ABC-014
Reference Model No		ABC-017, ABC-029, ABC-014A, ABC-015-1, ABC-015-3, ABC-015-3N, ABC-015-1N, ABC-014A-3, ABC-014B-3, ABC-014C-3, ABC-015A-3, ABC-015-3N(G), ABC-015-3N(B), ABC-015-3N(P), ABC-015-3N(DB), ABC-015, ABC -017-5, ABC-017-3, ABC -017-8
Test Requested	*	In accordance with German Food, Articles of Daily Use and Feed Coo of September 1, 2005(LFGB) Section 30 & 31, BfR recommendation and Regulation (EC) No 1935/2004
Test Conclusion	:	Pass (Please refer to next pages for details)
Date of Receipt sample	(•) (•)	2016-08-29
Date of Test		2016-08-29 to 2016-09-08
Date of Issue	4	2016-09-09

Remarks:

Test Result ...

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

Please refer to next page (s)

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Sackson.Zhou / Lab Manager

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Test Results:

1. Sensorial Examination

Test Items	Result The submitted sample	Maximum permissible limit
Sensorial examination odour	white will o was an	2.5
Sensorial examination taste	THE THE OUT THE MANTE	net me 2.5

Note:

1. Test method: With reference to DIN 10955: 2004.

2. Scale:

0 = no discernible deviation

1 = barely discernible deviation

2 = weak deviation

3 = clear deviation

4 = strong deviation

2. Overall Migration Test

Food Cimulant	Took Condition	Result (mg/dm²)			MDL (mag/dmg ²)	Limit (no m/dm²)
Food Simulant	Test Condition	No.1	No.2	No.3	MDL (mg/dm²)	Limit (mg/dm²)
3% Acetic Acid	40°C for 2 hours	ND	ND	ND	TEL WALL	10
50% Ethanol	40°C for 2 hours	ND	ND	ND	3- 3-	10 11

Food Simulant	Toot Condition	Result (ı	mg/dm²)	MDL (ma/dm²)	Limit (mar/dm²)
Food Simulant	Test Condition	No.5	No.7	MDL (mg/dm²)	Limit (mg/dm²)
3% Acetic Acid	40°C for 2 hours	3.3	ND	The British	10
50% Ethanol	40°C for 2 hours	ND	ND	3	10 11

- 1. Test method: With reference to EN 1186-1: 2002, EN 1186-3: 2002 and EN 1186-9: 2002.
- 2. "mg/dm2" = milligram per square decimetre
- 3. "°C" = Celsius degree
- 4. MDL= Method Detection Limit
- 5. ND = Not Detected, less than MDL
- 6. The specification was quoted from (EU) No 10/2011.



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3. Specific Migration of heavy metal (Barium, Cobalt, Copper, Iron, Lithium, Manganese, Zinc)

Test Items	Result (mg/kg)			MDI (mag/leg)	Limit Von miller
	No.1	No.2	No.3	MDL (mg/kg)	Limit (mg/kg)
Specific migration of Aluminium	ND	ND	ND	0.1 mil w	JUL 1 JUL
Specific migration of Barium	ND	ND	ND	0.1	et nitet 1 nite
Specific migration of Cobalt	ND	ND	ND	0.01	0.05
Specific migration of Copper	ND	ND	ND	0.1	Wall 15 1
Specific migration of Iron	ND	ND	ND	0.1	48
Specific migration of Lithium	ND	ND	ND	0.01	0.6
Specific migration of Manganese	ND	ND	ND	0.01	0.6
Specific migration of Zinc	ND	ND	ND	0.1	5 5

Test Items	Result	(mg/kg)	MDI (ma/ka)	Limit (may/kg)
	No.5	No.7	MDL (mg/kg)	Limit (mg/kg)
Specific migration of Aluminium	ND	ND	0.1	ar was 1 was
Specific migration of Barium	ND	ND	0.1	TEX MITE 1 WALTER WE
Specific migration of Cobalt	ND	ND	0.01	0.05
Specific migration of Copper	ND	ND	0.1	Wer 20 W
Specific migration of Iron	0.2	ND	0.1	48
Specific migration of Lithium	ND	ND	0.01	0.6
Specific migration of Manganese	ND	ND	0.01	w 0.6 w
Specific migration of Zinc	2.3	ND	0.1	ex outer 5 outer wo

- 1. Test Method: With reference to EN 13130-1: 2004, sample preparation in 3% acetic acid at 40°C for 2 hours, analysis was performed by ICP-OES.
- 2. "mg/kg" = milligram per kilogram of foodstuff in contact with
- 3. MDL= Method Detection Limit
- 4. ND = Not Detected, less than MDL
- 5. The specification was quoted from (EU) No 10/2011, (EU) 2016/1416.



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4. Specific Migration of Primary Aromatic Amines

Test Item	Result (mg/kg)			MDI (mg/kg)	Limit (mg/kg)
	No.1	No.2	No.3	MDL (mg/kg)	Limit (mg/kg)
Migration of Primary aromatic amines	ND	ND	ND	0.01	Not Detected (<0.01mg/kg)

t Told Home Cart State	Result	(mg/kg)	MDL (mg/kg)	Limit (mg/kg)
Test Item	No.5	No.7		
Migration of Primary aromatic amines	ND	ND	0.01	Not Detected (<0.01mg/kg)

Note:

- 1. Test Method: With reference to § 64 LFGB L No. 00.00-6, analysis was performed by UV-visible Spectrometer.
- 2. Test Condition and simulant: 3% acetic acid at 40°C for 2 hours.
- 3. "mg/kg" = milligram per kilogram of foodstuff in contact with
- 4. MDL= Method Detection Limit
- 5. ND = Not Detected, less than MDL
- 6. The specification was quoted from (EU) No 10/2011.

5. Specific Metal Content test (Lead, Zinc, Manganese, Lithium, Cobalt, Titanium, Antimony)

Test Items	Result (mg/kg) No.1	MDL (mg/kg)	Limit (mg/kg)	
Lead (Pb)	ND	5		
Zinc (Zn)	19.2	SITE SIE WIT	80 11	
Manganese (Mn)	UND W	5	140	
Lithium (Li)	ND	LT 1025	130	
Cobalt (Co)	ND	5	125	
Titanium (Ti)	ND ND	w 5 m	120	
Antimony (Sb)	ND	TEK 5 TEK	350	

- 1. Test method: Acid digestion, analysis was performed by ICP-OES.
- 2. "mg/kg" = milligram per kilogram
- 3. MDL= Method Detection Limit
- 4. ND = Not Detected, less than MDL
- 5. The specification was quoted from BfR recommendation XVII.



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6. Peroxide Value Test

anties white white white	in m	Result	All S	A STEP OF THE STATE STATE
Test Item	No.1	No.4	No.5	Limit of Limit
Peroxide Value	Absent	Absent	Absent	Absent

Note:

- 1. Test method: With reference to European Pharmacopeia (2005) ANNEX X F, Clause 2.5.5, method A.
- 2. The specification was quoted from BfR recommendation XV, XVII, XXII.

7. Specific Migration of Antimony

Test Items Result (mg/kg) No.1		MDI (maylen)	Line it Ven or Ven
rest items	No.1	MDL (mg/kg)	Limit (mg/kg)
Specific migration of Antimony	ND ND	0.01	0.04

Note:

- 1. Test Method: With reference to EN 13130-1: 2004, sample preparation in 3% acetic acid at 40°C for 2 hours, analysis was performed by ICP-OES.
- 2. "mg/kg" = milligram per kilogram of foodstuff in contact with
- 3. MDL= Method Detection Limit
- 4. ND = Not Detected, less than MDL
- 5. The specification was quoted from (EU) No 10/2011.

8. Specific Metal Content Test (Chromium, Vanadium, Zirconium, Hafnium)

Took Homes By All	Result	(mg/kg)	NADL (non-line)	W. W. W.	
Test Items	No.2	No.3	MDL (mg/kg)	Limit (mg/kg)	
Chromium (Cr)	ND	ND	w 5	10	
Vanadium (V)	ND	ND	, iii 1025	20	
Zirconium (Zr)	ND	ND	5	100	
Hafnium (Hf)	ND	ND	5	100	

- 1. Test method: Acid digestion, analysis was performed by ICP-OES.
- 2. "mg/kg" = milligram per kilogram
- 3. MDL= Method Detection Limit
- 4. ND = Not Detected, less than MDL
- 5. The specification was quoted from BfR recommendation VII.



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9. Extractable Components Test

Mand Simulant W	Took Condition	Result (%)	MDI (0/)	Limit (O/)
Food Simulant	Test Condition	No.4	MDL (%)	Limit (%)
Distilled Water	Reflux for 5 hours	0.1	0.1	0.5
3% Acetic Acid	Reflux for 5 hours	0.2	0.1	0.5
10% Ethanol	Reflux for 5 hours	ND W	0.1	0.5

Note:

- 1. "%" = percentage by weight
- 2. MDL= Method Detection Limit
- 3. ND = Not Detected, less than MDL
- 4. The specification was quoted from BfR recommendation XV.

10. Volatile Organic Compounds

Test Item	Result (%)		MDL (%)	Limit (0/)	
Test item	No.4	No.5	MDL (%)	Limit (%)	
Volatile Organic compounds	0.11	ND	0.05	0.5	

Note:

- 1. Test method: With reference to 61st Communication on testing of plastics in Bundesge sundheitsblatt 46 (2003) 362.
- 2. "%" = percentage by weight
- 3. MDL= Method Detection Limit
- 4. ND = Not Detected, less than MDL
- 5. The specification was quoted from BfR recommendation XV, XXII.

11. Extractable Lead and Cadmium Content

Tool Itomo	Result (mg/L)	MDI (mall)	Limit (mg/L)
Test Items	No.6	MDL (mg/L)	
Extractable Lead	ND	0.1	4.0
Extractable Cadmium	ND ND	10.01 July 4	0.3

- 1. Test method: With reference to BS EN 1388-1: 1996 and BS EN 1388-2: 1996, sample preparation in 4% acetic acid at 22±2°C for 24hours, analysis was performed by ICP-OES.
- 2. "mg/L" = milligram per litre
- 3. MDL= Method Detection Limit
- 4. ND = Not Detected, less than MDL
- 5. The specification was quoted from DIN 51032-1986.



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12. Organotin Compounds Content Test

WALLER MALLE WALL WALL	Result (mg/kg)	CHARLES IN STREET	Limit (mg/kg)
Test Items	No.4	MDL (mg/kg)	
Monobutyltin (MBT)	Absent	0.05	Absent
Dibutyltin (DBT)	Absent	0.05	Absent
Tributyltin (TBT)	Absent	0.05	Absent
Tetrabutyltin (TeBT)	Absent	0.05	Absent
Monooctyltin (MOT)	Absent	0.05	Absent
Diotyltin (DOT)	Absent	0.05	Absent
Triphenyltin (TPhT)	Absent	0.05	Absent

Note:

- 1. Test method: With reference to DIN EN ISO 17353: 2005, analysis was performed by GC-MS.
- 2. "mg/kg" = milligram per kilogram
- 3. MDL= Method Detection Limit

13. Specific Metal Content Test (Zinc)

Test Item	Result (%) No.7	MDL (%)	Limit (%)
Zinc (Zn)	ND	0.01	1.0

Note:

- 1. Test method: Acid digestion, analysis was performed by ICP-OES.
- 2. "%" = percentage by weight
- 3. MDL= Method Detection Limit
- 4. ND = Not Detected, less than MDL
- 5. The specification was quoted from BfR recommendation XXXIII.

14. Specific Migration of Formaldehyde

Toot Itom	Result (mg/kg)	MDI (mg/kg)	Limit (man)
Test Item	No.7	MDL (mg/kg)	Limit (mg/kg)
Migration of Formaldehyde	THE WIND WE	1.0	15

Note:

- 1. Test Method: With reference to EN 13130-1: 2004, sample preparation in 3% acetic acid at 40°C for 2 hours, analysis was performed by UV-visible Spectrometer.
- 2. "mg/kg" = milligram per kilogram of foodstuff in contact with
- 3. MDL= Method Detection Limit
- 4. ND = Not Detected, less than MDL
- 5. The specification was quoted from (EU) No 10/2011.

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15. Council of Europe Resolution CM/Res(2013)9-Specific Migration of Heavy Metal

WITE TOWN HOMES WALL	1st+2nd Migration (mg/kg)	MDL (may/km)	Limit (mg/kg)
Test Items	No.8	MDL (mg/kg)	
Aluminium (Al)	ND	0.2	35
Antimony (Sb)	ND ND	0.02	0.28
Chromium (Cr)	0.04	0.04	1.75
Cobalt (Co)	IND W	0.02	0.14
Copper (Cu)	EL TEND THE WAY	0.2	28
Iron (Fe)	0.5	0.4	280
Manganese (Mn)	0.3	0.2	12.6
Molybdenum (Mo)	ND	0.02	0.84
Nickel (Ni)	0.02	0.02	0.98
Silver (Ag)	ND ND	0.02	0.56
Tin (Sn)	ILL ND W	0.2	700
Vanadium (V)	ND	0.01	0.07
Zinc (Zn)	ND	0.2	mitter in 35 mil
Arsenic (As)	ND ND	0.002	0.014
Barium (Ba)	ND	0.2	8.4
Beryllium (Be)	IF ND	0.01	0.07
Cadmium (Cd)	ND LITTERS	0.002	0.035
Lead (Pb)	ND	0.01	0.07
Lithium (Li)	ND ND	0.01	0.336
Mercury (Hg)	ND ND	0.002	0.021
Thallium (TI)	ND ND	0.0002	0.0007
Magnesium (Mg)	ND ND	0.2	nurnur
Titanium (Ti)	MULLI MUL ND MILL MILL	0.02	of The The



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Test Items	3rd Migration (mg/kg)	MDL (mg/kg)	Limit (magellen)	
restitems	No.8	MDL (mg/kg)	Limit (mg/kg)	
Aluminium (Al)	STEET NO. IT WAS	0.1	5+	
Antimony (Sb)	ND +	0.01	0.04	
Chromium (Cr)	ND W	0.02	0.25	
Cobalt (Co)	ND ND	0.01	0.02	
Copper (Cu)	ND ND	+ 0.1 gd g	et nite 4 lie w	
Iron (Fe)	THE STEND STEEL SHAPE	0.2	40	
Manganese (Mn)	ND	0.1	1.8	
Molybdenum (Mo)	ND ND	0.01	0.12	
Nickel (Ni)	ND	0.01	0.14	
Silver (Ag)	ND ND	0.01	0.08	
Tin (Sn)	ND ND	0.1	100	
Vanadium (V)	ND ND	0.005	0.01	
Zinc (Zn)	ND ND	0.1	5 (
Arsenic (As)	ND	0.001	0.002	
Barium (Ba)	ND	0.1	1.2	
Beryllium (Be)	ND	0.005	0.01	
Cadmium (Cd)	Mr. w ND	0.001	0.005	
Lead (Pb)	LIET STEND WITH MILE	0.005	0.01	
Lithium (Li)	ND -	0.005	0.048	
Mercury (Hg)	ND un	0.001	0.003	
Thallium (TI)	ND	0.0001	0.0001	
Magnesium (Mg)	ND	0.1	TEX LIEX NITER	
Titanium (Ti)	(ND ND	0.01	11112.	

- 1. Test Method: With reference to EN 13130-1: 2004, analysis was performed by ICP-OES and ICP-MS.
- 2. Test Condition and simulant: Sample(s) were migrated with 5g/L citric acid at 40°C for 2 hours.
- 3. "mg/kg" = milligram per kilogram of foodstuff in contact with
- 4. MDL = Method Detection Limit
- 5. ND = Not Detected, less than MDL
- 6. "--" = Not regulated
- 7. The specification was quoted from Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9.



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Sample Photo:



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Photo	Photograph of parts tested:				
No.	Photo of testing part	Parts Description	Client Claimed Material		
NITEK 1 WALTE WALTEK		Transparent plastic	PCTG		
z 2 Wille Miller		Black plastic	MITER WALTER WALTER		
t our start our	3 5 7 8 9 10 11 12 13 14 15 15 15 15 12 20 21 22 22 25 25 25 25 25 25 25 25 25 25 25	Translucent plastic	JUNITE WILL WILL WILL WILL WILL WILL WILL WIL		
White Whitek Whitek Whitek		Translucent silicone rubber	Silicone rubber		

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No.	Photo of testing part	Parts Description	Client Claimed Material
MALTER SULLES		Translucent coating	Acrylic resin
		Transparent glass	Military White Whitek
TEK VIII VIIII 7 VIIII		Black plastic	POM POM POMILIES AND LESS AND
WALTE WALTE WALTER WALTER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Silvery metal	Stainless steel 304

===== End of Report =====

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