

DEKRA Testing and Certification (Shanghai) Ltd No.1050 Xingxian Road, Jiading District, Shanghai, (201815) Tel.: +86 21 6181 1500 Fax: +86 21 6181 1515

TEST REPORT

Contact Mr. Jialei Wu Tel: 021-61811500 E-Mail: Lei.Wu@dekra.com Report Issue Date: 2024.11.20 Page 1 of 31

Test Report No.	:	6200698-1.50QS
Project no.	:	6200698

Client : OONI LIMITED Unit 5, Ooni Park, 189 West Main Street, Broxburn, West Lothian, Scotland, EH52 5LH, United Kingdom

Date sample received	:	2024.08.15
Product	:	Spiral Mixer
Product description	:	Please refer to next page(s).
Model	:	UU-P31300
Test Requested	:	EU 10/2011 and its amendments AP(2004)5 CM Res(2013)9
Test Method	:	Please refer to next page(s).
Result	:	Please refer to next page(s).
Testing Period	:	2024.08.16—2024.08.26

Signed for and on behalf of DEKRA Testing and Certification (Shanghai) Ltdoo



Wu Jialei(吴嘉雷) **Project Manager**

具手

Wu Xiang(吴翔) Test Engineer



TEST RESULTS

1: Extractable heavy metals

Test Method: With reference to Techical guide on metals and alloys used in food contact materials and articles of the 1st edition in 2013, analysis was performed by ICP-MS.

The 1st The 2nd The 1st+2nd The 3rd Extractable Result Result Result 7*Limit Result Limit 001 001 001 001 Elements (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) Silver (Ag) N.D. N.D. N.D. 0.56 N.D. 0.08 Aluminium (AI) N.D. N.D. N.D. 35 N.D. 5 N.D. N.D. 0.250 Chromium (Cr) N.D. 1.75 N.D. N.D. N.D. 0.14 N.D. 0.02 Cobalt (Co) N.D. Copper (Cu) N.D. N.D. N.D. 28 N.D. 4 Iron (Fe) N.D. N.D. N.D. N.D. 40 280 ----Magnesium (Mg) N.D. N.D. N.D. N.D. ---Manganese (Mn) N.D. N.D. N.D. N.D. 12.6 1.8 Molybdenum N.D. N.D. N.D. 0.84 N.D. 0.12 (Mo) Nickel (Ni) N.D. N.D. N.D. 0.98 N.D. 0.14 Tin (Sn) N.D. N.D. N.D. 700 N.D. 100 Titanium (Ti) N.D. N.D. N.D. ---N.D. ---Vanadium (V) N.D. N.D. N.D. 0.07 N.D. 0.01 Zinc (Zn) N.D. N.D. N.D. 35 N.D. 5 Antimony (Sb) N.D. N.D. N.D. 0.28 N.D. 0.04 Arsenic (As) N.D. N.D. N.D. 0.014 N.D. 0.002 Barium (Ba) N.D. N.D. N.D. 8.4 N.D. 1.2 Beryllium (Be) N.D. N.D. N.D. 0.07 N.D. 0.01 Cadmium (Cd) N.D. N.D. N.D. 0.035 N.D. 0.005 Lead (Pb) N.D. N.D. N.D. 0.010 0.07 N.D. N.D. 0.048 Lithium (Li) N.D. N.D. 0.336 N.D. Mercury (Hg) N.D. N.D. N.D. 0.021 N.D. 0.003 Thallium (TI) N.D. N.D. N.D. 0.0007 N.D. 0.0001 Comment PASS PASS / /

Test condition: 0.5% citric acid, 70°C, 2h



	The 1 st	The 2 nd	The 1 st +2 nd		The 3 rd	
Extractable	Result	Result	Result	7*Limit	Result	Limit
Elements	002	002	002	(mg/kg)	002	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)	
Silver (Ag)	N.D.	N.D.	N.D.	0.56	N.D.	0.08
Aluminium (Al)	N.D.	N.D.	N.D.	35	N.D.	5
Chromium (Cr)	N.D.	N.D.	N.D.	1.75	N.D.	0.250
Cobalt (Co)	N.D.	N.D.	N.D.	0.14	N.D.	0.02
Copper (Cu)	N.D.	N.D.	N.D.	28	N.D.	4
Iron (Fe)	N.D.	N.D.	N.D.	280	N.D.	40
Magnesium (Mg)	N.D.	N.D.	N.D.		N.D.	
Manganese (Mn)	N.D.	N.D.	N.D.	12.6	N.D.	1.8
Molybdenum				0.84		0.12
(Mo)	N.D.	N.D.	N.D.	0.04	N.D.	0.12
Nickel (Ni)	N.D.	N.D.	N.D.	0.98	N.D.	0.14
Tin (Sn)	N.D.	N.D.	N.D.	700	N.D.	100
Titanium (Ti)	N.D.	N.D.	N.D.		N.D.	
Vanadium (V)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Zinc (Zn)	N.D.	N.D.	N.D.	35	N.D.	5
Antimony (Sb)	N.D.	N.D.	N.D.	0.28	N.D.	0.04
Arsenic (As)	N.D.	N.D.	N.D.	0.014	N.D.	0.002
Barium (Ba)	N.D.	N.D.	N.D.	8.4	N.D.	1.2
Beryllium (Be)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Cadmium (Cd)	N.D.	N.D.	N.D.	0.035	N.D.	0.005
Lead (Pb)	N.D.	N.D.	N.D.	0.07	N.D.	0.010
Lithium (Li)	N.D.	N.D.	N.D.	0.336	N.D.	0.048
Mercury (Hg)	N.D.	N.D.	N.D.	0.021	N.D.	0.003
Thallium (TI)	N.D.	N.D.	N.D.	0.0007	N.D.	0.0001
Comment	/		PASS	/	PASS	



	The 1 st	The 2 nd	The 1 st +2 nd		The 3 rd	
Extractable	Result	Result	Result	7*Limit	Result	Limit
Elements	003	003	003	(mg/kg)	003	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)	
Silver (Ag)	N.D.	N.D.	N.D.	0.56	N.D.	0.08
Aluminium (Al)	N.D.	N.D.	N.D.	35	N.D.	5
Chromium (Cr)	N.D.	N.D.	N.D.	1.75	N.D.	0.250
Cobalt (Co)	N.D.	N.D.	N.D.	0.14	N.D.	0.02
Copper (Cu)	N.D.	N.D.	N.D.	28	N.D.	4
Iron (Fe)	N.D.	N.D.	N.D.	280	N.D.	40
Magnesium (Mg)	N.D.	N.D.	N.D.		N.D.	
Manganese (Mn)	N.D.	N.D.	N.D.	12.6	N.D.	1.8
Molybdenum			ND	0.84		0.12
(Mo)	N.D.	N.D.	N.D.	0.04	N.D.	0.12
Nickel (Ni)	N.D.	N.D.	N.D.	0.98	N.D.	0.14
Tin (Sn)	N.D.	N.D.	N.D.	700	N.D.	100
Titanium (Ti)	N.D.	N.D.	N.D.		N.D.	
Vanadium (V)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Zinc (Zn)	N.D.	N.D.	N.D.	35	N.D.	5
Antimony (Sb)	N.D.	N.D.	N.D.	0.28	N.D.	0.04
Arsenic (As)	N.D.	N.D.	N.D.	0.014	N.D.	0.002
Barium (Ba)	N.D.	N.D.	N.D.	8.4	N.D.	1.2
Beryllium (Be)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Cadmium (Cd)	N.D.	N.D.	N.D.	0.035	N.D.	0.005
Lead (Pb)	N.D.	N.D.	N.D.	0.07	N.D.	0.010
Lithium (Li)	N.D.	N.D.	N.D.	0.336	N.D.	0.048
Mercury (Hg)	N.D.	N.D.	N.D.	0.021	N.D.	0.003
Thallium (TI)	N.D.	N.D.	N.D.	0.0007	N.D.	0.0001
Comment	/		PASS	/	PASS	



	The 1 st	The 2 nd	The 1 st +2 nd		The 3 rd	
Extractable	Result	Result	Result	7*Limit	Result	Limit
Elements	004	004	004	(mg/kg)	004	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)	
Silver (Ag)	N.D.	N.D.	N.D.	0.56	N.D.	0.08
Aluminium (Al)	N.D.	N.D.	N.D.	35	N.D.	5
Chromium (Cr)	N.D.	N.D.	N.D.	1.75	N.D.	0.250
Cobalt (Co)	N.D.	N.D.	N.D.	0.14	N.D.	0.02
Copper (Cu)	N.D.	N.D.	N.D.	28	N.D.	4
Iron (Fe)	N.D.	N.D.	N.D.	280	N.D.	40
Magnesium (Mg)	N.D.	N.D.	N.D.		N.D.	
Manganese (Mn)	N.D.	N.D.	N.D.	12.6	N.D.	1.8
Molybdenum (Mo)	N.D.	N.D.	N.D.	0.84	N.D.	0.12
Nickel (Ni)	N.D.	N.D.	N.D.	0.98	N.D.	0.14
Tin (Sn)	N.D.	N.D.	N.D.	700	N.D.	100
Titanium (Ti)	N.D.	N.D.	N.D.		N.D.	
Vanadium (V)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Zinc (Zn)	N.D.	N.D.	N.D.	35	N.D.	5
Antimony (Sb)	N.D.	N.D.	N.D.	0.28	N.D.	0.04
Arsenic (As)	N.D.	N.D.	N.D.	0.014	N.D.	0.002
Barium (Ba)	N.D.	N.D.	N.D.	8.4	N.D.	1.2
Beryllium (Be)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Cadmium (Cd)	N.D.	N.D.	N.D.	0.035	N.D.	0.005
Lead (Pb)	N.D.	N.D.	N.D.	0.07	N.D.	0.010
Lithium (Li)	N.D.	N.D.	N.D.	0.336	N.D.	0.048
Mercury (Hg)	N.D.	N.D.	N.D.	0.021	N.D.	0.003
Thallium (TI)	N.D.	N.D.	N.D.	0.0007	N.D.	0.0001
Comment	/		PASS	/	PASS	



	The 1 st	The 2 nd	The 1 st +2 nd		The 3 rd	
Extractable	Result	Result	Result	7*Limit	Result	Limit
Elements	005	005	005	(mg/kg)	005	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)	
Silver (Ag)	N.D.	N.D.	N.D.	0.56	N.D.	0.08
Aluminium (Al)	N.D.	N.D.	N.D.	35	N.D.	5
Chromium (Cr)	N.D.	N.D.	N.D.	1.75	N.D.	0.250
Cobalt (Co)	N.D.	N.D.	N.D.	0.14	N.D.	0.02
Copper (Cu)	N.D.	N.D.	N.D.	28	N.D.	4
Iron (Fe)	N.D.	N.D.	N.D.	280	N.D.	40
Magnesium (Mg)	N.D.	N.D.	N.D.		N.D.	
Manganese (Mn)	N.D.	N.D.	N.D.	12.6	N.D.	1.8
Molybdenum (Mo)	N.D.	N.D.	N.D.	0.84	N.D.	0.12
Nickel (Ni)	N.D.	N.D.	N.D.	0.98	N.D.	0.14
Tin (Sn)	N.D.	N.D.	N.D.	700	N.D.	100
Titanium (Ti)	N.D.	N.D.	N.D.		N.D.	
Vanadium (V)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Zinc (Zn)	N.D.	N.D.	N.D.	35	N.D.	5
Antimony (Sb)	N.D.	N.D.	N.D.	0.28	N.D.	0.04
Arsenic (As)	N.D.	N.D.	N.D.	0.014	N.D.	0.002
Barium (Ba)	N.D.	N.D.	N.D.	8.4	N.D.	1.2
Beryllium (Be)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Cadmium (Cd)	N.D.	N.D.	N.D.	0.035	N.D.	0.005
Lead (Pb)	N.D.	N.D.	N.D.	0.07	N.D.	0.010
Lithium (Li)	N.D.	N.D.	N.D.	0.336	N.D.	0.048
Mercury (Hg)	N.D.	N.D.	N.D.	0.021	N.D.	0.003
Thallium (TI)	N.D.	N.D.	N.D.	0.0007	N.D.	0.0001
Comment	/		PASS	/	PASS	



	The 1 st	The 2 nd	The 1 st +2 nd		The 3 rd	
Extractable	Result	Result	Result	7*Limit	Result	Limit
Elements	006	006	006	(mg/kg)	006	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)	
Silver (Ag)	N.D.	N.D.	N.D.	0.56	N.D.	0.08
Aluminium (Al)	N.D.	N.D.	N.D.	35	N.D.	5
Chromium (Cr)	N.D.	N.D.	N.D.	1.75	N.D.	0.250
Cobalt (Co)	N.D.	N.D.	N.D.	0.14	N.D.	0.02
Copper (Cu)	N.D.	N.D.	N.D.	28	N.D.	4
Iron (Fe)	N.D.	N.D.	N.D.	280	N.D.	40
Magnesium (Mg)	N.D.	N.D.	N.D.		N.D.	
Manganese (Mn)	N.D.	N.D.	N.D.	12.6	N.D.	1.8
Molybdenum			ND	0.84	ΝΟ	0.12
(Mo)	N.D.	N.D.	N.D.	0.04	N.D.	0.12
Nickel (Ni)	N.D.	N.D.	N.D.	0.98	N.D.	0.14
Tin (Sn)	N.D.	N.D.	N.D.	700	N.D.	100
Titanium (Ti)	N.D.	N.D.	N.D.		N.D.	
Vanadium (V)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Zinc (Zn)	N.D.	N.D.	N.D.	35	N.D.	5
Antimony (Sb)	N.D.	N.D.	N.D.	0.28	N.D.	0.04
Arsenic (As)	N.D.	N.D.	N.D.	0.014	N.D.	0.002
Barium (Ba)	N.D.	N.D.	N.D.	8.4	N.D.	1.2
Beryllium (Be)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Cadmium (Cd)	N.D.	N.D.	N.D.	0.035	N.D.	0.005
Lead (Pb)	N.D.	N.D.	N.D.	0.07	N.D.	0.010
Lithium (Li)	N.D.	N.D.	N.D.	0.336	N.D.	0.048
Mercury (Hg)	N.D.	N.D.	N.D.	0.021	N.D.	0.003
Thallium (TI)	N.D.	N.D.	N.D.	0.0007	N.D.	0.0001
Comment	/		PASS	/	PASS	



	The 1 st	The 2 nd	The 1 st +2 nd		The 3 rd	
Extractable	Result	Result	Result	7*Limit	Result	Limit
Elements	007	007	007	(mg/kg)	007	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)	
Silver (Ag)	N.D.	N.D.	N.D.	0.56	N.D.	0.08
Aluminium (Al)	N.D.	N.D.	N.D.	35	N.D.	5
Chromium (Cr)	N.D.	N.D.	N.D.	1.75	N.D.	0.250
Cobalt (Co)	N.D.	N.D.	N.D.	0.14	N.D.	0.02
Copper (Cu)	N.D.	N.D.	N.D.	28	N.D.	4
Iron (Fe)	N.D.	N.D.	N.D.	280	N.D.	40
Magnesium (Mg)	N.D.	N.D.	N.D.		N.D.	
Manganese (Mn)	N.D.	N.D.	N.D.	12.6	N.D.	1.8
Molybdenum				0.84		0.12
(Mo)	N.D.	N.D.	N.D.	0.04	N.D.	0.12
Nickel (Ni)	N.D.	N.D.	N.D.	0.98	N.D.	0.14
Tin (Sn)	N.D.	N.D.	N.D.	700	N.D.	100
Titanium (Ti)	N.D.	N.D.	N.D.		N.D.	
Vanadium (V)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Zinc (Zn)	N.D.	N.D.	N.D.	35	N.D.	5
Antimony (Sb)	N.D.	N.D.	N.D.	0.28	N.D.	0.04
Arsenic (As)	N.D.	N.D.	N.D.	0.014	N.D.	0.002
Barium (Ba)	N.D.	N.D.	N.D.	8.4	N.D.	1.2
Beryllium (Be)	N.D.	N.D.	N.D.	0.07	N.D.	0.01
Cadmium (Cd)	N.D.	N.D.	N.D.	0.035	N.D.	0.005
Lead (Pb)	N.D.	N.D.	N.D.	0.07	N.D.	0.010
Lithium (Li)	N.D.	N.D.	N.D.	0.336	N.D.	0.048
Mercury (Hg)	N.D.	N.D.	N.D.	0.021	N.D.	0.003
Thallium (TI)	N.D.	N.D.	N.D.	0.0007	N.D.	0.0001
Comment	/		PASS	/	PASS	

Remark:

1. The following table is the RL of the Extractable Heavy Metals testing

Extractable Elements	MDL(mg/ kg)	Extractable Elements	MDL(mg/ kg)	Extractable Elements	MDL(mg/kg)
Silver (Ag)	0.01	Molybdenum (Mo)	0.01	Barium (Ba)	0.01
Aluminium (Al)	1.0	Nickel (Ni)	0.01	Beryllium (Be)	0.01
Chromium	0.01	Tin (Sn)	1.0	Cadmium (Cd)	0.001



(Cr)					
Cobalt (Co)	0.01	Titanium (Ti)	1.0	Lead (Pb)	0.001
Copper (Cu)	1.0	Vanadium (V)	0.01	Lithium (Li)	0.01
Iron (Fe)	1.0	Zinc (Zn)	1.0	Mercury (Hg)	0.001
Magnesium (Mg)	1.0	Antimony (Sb)	0.01	Thallium (TI)	0.0001
Manganese (Mn)	1.0	Arsenic (As)	0.001		

Page 9 of 31

2. N.D.= Not detected

3. The submitted sample is a repeated use article. The migration test was carried out three timeson the same article. The sum of the results of the first and second tests should not exceed seven times thelimit (Result 1st test + Result 2nd test <7^{*} limit) and the Result 3rd should not exceed the limit.

4. "---" = Not regulated



2: Overall migration

Test Method: With reference to EN 1186-3:2022, overall migration in evaporable simulants. **Test Condition:** 3% acetic acid, 70°C, 2h; 10% ethanol, 70°C, 2h; 95% ethanol, 60°C, 2h; isooctane, 40°C, 0.5h;

				The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result
				008	008	008
3% acetic acid	mg/dm ²	3	10	< 3	< 3	< 3
10% ethanol	mg/dm ²	3	10	< 3	< 3	< 3
95% ethanol	mg/dm ²	3	10	< 3	< 3	< 3
isooctane	mg/dm ²	3	10	< 3	< 3	< 3
C	omment*:				PASS	

				The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result
				009	009	009
3% acetic acid	mg/dm ²	3	10	< 3	< 3	< 3
10% ethanol	mg/dm ²	3	10	< 3	< 3	< 3
95% ethanol	mg/dm ²	3	10	< 3	< 3	< 3
isooctane	mg/dm ²	3	10	< 3	< 3	< 3
C	omment*:	•	•		PASS	

				The 1 st	The 2 nd	The 3 rd	
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result	
				010	010	010	
3% acetic acid	mg/dm ²	3	10	< 3	< 3	< 3	
10% ethanol	mg/dm ²	3	10	< 3	< 3	< 3	
95% ethanol	mg/dm ²	3	10	< 3	< 3	< 3	
isooctane	mg/dm ²	3	10	< 3	< 3	< 3	
C	omment*:	•	•	PASS			



Test Condition: 3% acetic acid, 70 °C, 2h; 10% ethanol, 70 °C, 2h; 95% ethanol, 60 °C, 2h; isooctane, 40 °C, 0.5h;

				The 1 st	The 2 nd	The 3 rd	
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result	
				011	011	011	
3% acetic acid	mg/dm ²	3	10	< 3	< 3	< 3	
10% ethanol	mg/dm ²	3	10	< 3	< 3	< 3	
95% ethanol	mg/dm ²	3	10	< 3	< 3	< 3	
isooctane	mg/dm ²	3	10	< 3	< 3	< 3	
C	omment*:	•	•	PASS			

Test Condition: 3% acetic acid, 70°C, 2h; 10% ethanol, 70°C, 2h;

				The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result
				012	012	012
3% acetic acid	mg/dm ²	3	10	< 3	< 3	< 3
10% ethanol	mg/dm ²	3	10	< 3	< 3	< 3
Comment*:				PASS		

				The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result
				013	013	013
3% acetic acid	mg/dm ²	3	10	< 3	< 3	< 3
10% ethanol	mg/dm ²	3	10	< 3	< 3	< 3
Comment*:				PASS		



Test Method: With reference to EN 1186-2:2022, overall migration in vegetable oils.

Test condition: 70℃, 2h

				The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result
				012	012	012
rectified olive oil	mg/dm ²	3	10	< 3	< 3	< 3
Comment*:				PASS		

				The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result
				013	013	013
rectified olive oil	mg/dm ²	3	10	< 3	< 3	< 3
Comment*:				PASS		

1) MDL = Method Detection Limit.



3: Specific migration of heavy metals

Test Method: With reference to EN13130-1:2004, analysis was performed by ICP-OES. Test condition: 3% acetic acid, 70° C, 2h

TEST ITEM	UNIT	MDL	LIMIT	The 1 st Result 008	The 2 nd Result 008	The 3 rd Result 008
Aluminium (Al)	mg/kg	0.5	1	N.D.	N.D.	N.D.
Antimony (Sb)	mg/kg	0.01	0.04	N.D.	N.D.	N.D.
Arsenic (As)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	mg/kg	0.1	1	N.D.	N.D.	N.D.
Cadmium (Cd)	mg/kg	0.002	N.D.	N.D.	N.D.	N.D.
Chromium (Cr)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	mg/kg	0.03	0.05	N.D.	N.D.	N.D.
Copper (Cu)	mg/kg	0.5	5	N.D.	N.D.	N.D.
Europium (Eu)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Gadolinium (Gd)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Iron (Fe)	mg/kg	5	48	N.D.	N.D.	N.D.
Lanthanum (La)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Lead (Pb)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Lithium (Li)	mg/kg	0.01	0.6	N.D.	N.D.	N.D.
Manganese (Mn)	mg/kg	0.1	0.6	N.D.	N.D.	N.D.



Report No.:6200	ort No.:6200698-1.50QS Page 14 of 31							
Mercury (Hg)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.		
Nickel (Ni)	mg/kg	0.01	0.02	N.D.	N.D.	N.D.		
Terbium (Tb)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.		
Zinc (Zn)	mg/kg	1	5	N.D.	N.D.	N.D.		
Wolfram (W)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.		
	Comm	ient*:		PASS				

- a wł Nia \sim _



				The 1 st	The 2 nd	The 3 rd
TEST ITEM		МП	ТИМІТ	Result	Result	Result
TEOTHEM	ONIT	MDE		000	000	000
				009	009	009
Aluminium (Al)	mg/kg	0.5	1	N.D.	N.D.	N.D.
Antimony (Sb)	mg/kg	0.01	0.04	N.D.	N.D.	N.D.
Arsenic (As)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	mg/kg	0.1	1	N.D.	N.D.	N.D.
Cadmium (Cd)	mg/kg	0.002	N.D.	N.D.	N.D.	N.D.
Chromium (Cr)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	mg/kg	0.03	0.05	N.D.	N.D.	N.D.
Copper (Cu)	mg/kg	0.5	5	N.D.	N.D.	N.D.
Europium (Eu)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Gadolinium (Gd)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Iron (Fe)	mg/kg	5	48	N.D.	N.D.	N.D.
Lanthanum (La)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Lead (Pb)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Lithium (Li)	mg/kg	0.01	0.6	N.D.	N.D.	N.D.
Manganese (Mn)	mg/kg	0.1	0.6	N.D.	N.D.	N.D.
Mercury (Hg)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	mg/kg	0.01	0.02	N.D.	N.D.	N.D.



		Comm	ient*:		PASS		
	Wolfram (W)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
	Zinc (Zn)	mg/kg	1	5	N.D.	N.D.	N.D.
	Terbium (Tb)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
R	eport No.:6200	698-1.50QS					Page 16 of 31



				The 1 st	The 2 nd	The 3 rd
TEST ITEM		МП	ТИМІТ	Result	Result	Result
TESTITEM	ONIT			010	010	010
				010	010	010
Aluminium (Al)	mg/kg	0.5	1	N.D.	N.D.	N.D.
Antimony (Sb)	mg/kg	0.01	0.04	N.D.	N.D.	N.D.
Arsenic (As)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	mg/kg	0.1	1	N.D.	N.D.	N.D.
Cadmium (Cd)	mg/kg	0.002	N.D.	N.D.	N.D.	N.D.
Chromium (Cr)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	mg/kg	0.03	0.05	N.D.	N.D.	N.D.
Copper (Cu)	mg/kg	0.5	5	N.D.	N.D.	N.D.
Europium (Eu)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Gadolinium (Gd)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Iron (Fe)	mg/kg	5	48	N.D.	N.D.	N.D.
Lanthanum (La)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Lead (Pb)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Lithium (Li)	mg/kg	0.01	0.6	N.D.	N.D.	N.D.
Manganese (Mn)	mg/kg	0.1	0.6	N.D.	N.D.	N.D.
Mercury (Hg)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	mg/kg	0.01	0.02	N.D.	N.D.	N.D.



Comment*:					PASS	
Wolfram (V	V) mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Zinc (Zn)	mg/kg	1	5	N.D.	N.D.	N.D.
Terbium (Tb)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Report No.:62	eport No.:6200698-1.50QS Page 18					



				The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	MDI	ТИМІТ	Result	Result	Result
TEOTITEM	CINIT	MDE		011	011	011
				011	011	011
Aluminium (Al)	mg/kg	0.5	1	N.D.	N.D.	N.D.
Antimony (Sb)	mg/kg	0.01	0.04	N.D.	N.D.	N.D.
Arsenic (As)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	mg/kg	0.1	1	N.D.	N.D.	N.D.
Cadmium (Cd)	mg/kg	0.002	N.D.	N.D.	N.D.	N.D.
Chromium (Cr)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	mg/kg	0.03	0.05	N.D.	N.D.	N.D.
Copper (Cu)	mg/kg	0.5	5	N.D.	N.D.	N.D.
Europium (Eu)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Gadolinium (Gd)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Iron (Fe)	mg/kg	5	48	N.D.	N.D.	N.D.
Lanthanum (La)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
Lead (Pb)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Lithium (Li)	mg/kg	0.01	0.6	N.D.	N.D.	N.D.
Manganese (Mn)	mg/kg	0.1	0.6	N.D.	N.D.	N.D.
Mercury (Hg)	mg/kg	0.01	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	mg/kg	0.01	0.02	N.D.	N.D.	N.D.



		Comm	nent*:		PASS		
	Wolfram (W)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
	Zinc (Zn)	mg/kg	1	5	N.D.	N.D.	N.D.
	Terbium (Tb)	mg/kg	0.01	0.05	N.D.	N.D.	N.D.
R	eport No.:6200	698-1.50QS		Page 20 of 31			

1) MDL = Method Detection Limit.

2) N.D. = Not detected, less than MDL.



4: Specific migration of primary aromatic amine

Test Method: Sample preparation with reference to EN 13130-1: 2004 with selection of simulant and condition, followed by analysis by LC/MS/MS & UV.

Test Condition: 3% acetic acid, 70 $^\circ \! \mathrm{C}$, 2h

		Maximum	The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	Permissible	Result	Result	Result
		Limit	008	008	008
4-aminobiphenyl	mg/kg	0.002	<0.002	<0.002	<0.002
benzidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-chloro-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
2-naphthylamine	mg/kg	0.002	<0.002	<0.002	<0.002
o-aminoazotoluene	mg/kg	0.002	<0.002	<0.002	<0.002
5-nitro-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-chloroaniline	mg/kg	0.002	<0.002	<0.002	<0.002
4-methoxy-m-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylenedianiline	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dichlorobenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dimethoxybenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dimethylbenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylenedi-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
6-methoxy-m-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylene-bis-(2-chloro-aniline)	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-oxydianiline	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-thiodianiline	mg/kg	0.002	<0.002	<0.002	<0.002
o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-methyl-m-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
2,4,5-trimethylaniline	mg/kg	0.002	<0.002	<0.002	<0.002
o-anisidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-amino azobenzene	mg/kg	0.002	<0.002	<0.002	<0.002
1,3-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
Other Primary Aromatic Amine	mg/kg	Sum≤0.01	<0.01	<0.01	<0.01
Comment*:		PASS			



Page 22 of 31

		Maximum	The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	Permissible	Result	Result	Result
		Limit	009	009	009
4-aminobiphenyl	mg/kg	0.002	<0.002	<0.002	<0.002
benzidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-chloro-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
2-naphthylamine	mg/kg	0.002	<0.002	<0.002	<0.002
o-aminoazotoluene	mg/kg	0.002	<0.002	<0.002	<0.002
5-nitro-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-chloroaniline	mg/kg	0.002	<0.002	<0.002	<0.002
4-methoxy-m-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylenedianiline	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dichlorobenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dimethoxybenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dimethylbenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylenedi-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
6-methoxy-m-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylene-bis-(2-chloro-aniline)	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-oxydianiline	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-thiodianiline	mg/kg	0.002	<0.002	<0.002	<0.002
o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-methyl-m-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
2,4,5-trimethylaniline	mg/kg	0.002	<0.002	<0.002	<0.002
o-anisidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-amino azobenzene	mg/kg	0.002	<0.002	<0.002	<0.002
1,3-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
Other Primary Aromatic Amine	mg/kg	Sum≤0.01	<0.01	<0.01	<0.01
Comment*:	·			PASS	L



Page 23 of 31

		Maximum	The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	Permissible	Result	Result	Result
		Limit	010	010	010
4-aminobiphenyl	mg/kg	0.002	<0.002	<0.002	<0.002
benzidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-chloro-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
2-naphthylamine	mg/kg	0.002	<0.002	<0.002	<0.002
o-aminoazotoluene	mg/kg	0.002	<0.002	<0.002	<0.002
5-nitro-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-chloroaniline	mg/kg	0.002	<0.002	<0.002	<0.002
4-methoxy-m-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylenedianiline	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dichlorobenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dimethoxybenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dimethylbenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylenedi-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
6-methoxy-m-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylene-bis-(2-chloro-aniline)	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-oxydianiline	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-thiodianiline	mg/kg	0.002	<0.002	<0.002	<0.002
o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-methyl-m-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
2,4,5-trimethylaniline	mg/kg	0.002	<0.002	<0.002	<0.002
o-anisidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-amino azobenzene	mg/kg	0.002	<0.002	<0.002	<0.002
1,3-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
Other Primary Aromatic Amine	mg/kg	Sum≤0.01	<0.01	<0.01	<0.01
Comment*:			PASS		



Page 24 of 31

		Maximum	The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	Permissible	Result	Result	Result
		Limit	011	011	011
4-aminobiphenyl	mg/kg	0.002	<0.002	<0.002	<0.002
benzidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-chloro-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
2-naphthylamine	mg/kg	0.002	<0.002	<0.002	<0.002
o-aminoazotoluene	mg/kg	0.002	<0.002	<0.002	<0.002
5-nitro-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-chloroaniline	mg/kg	0.002	<0.002	<0.002	<0.002
4-methoxy-m-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylenedianiline	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dichlorobenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dimethoxybenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
3,3'-dimethylbenzidine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylenedi-o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
6-methoxy-m-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-methylene-bis-(2-chloro-aniline)	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-oxydianiline	mg/kg	0.002	<0.002	<0.002	<0.002
4,4'-thiodianiline	mg/kg	0.002	<0.002	<0.002	<0.002
o-toluidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-methyl-m-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
2,4,5-trimethylaniline	mg/kg	0.002	<0.002	<0.002	<0.002
o-anisidine	mg/kg	0.002	<0.002	<0.002	<0.002
4-amino azobenzene	mg/kg	0.002	<0.002	<0.002	<0.002
1,3-phenylenediamine	mg/kg	0.002	<0.002	<0.002	<0.002
Other Primary Aromatic Amine	mg/kg	Sum≤0.01	<0.01	<0.01	<0.01
Comment*:		PASS			



5: Specific migration of acrylonitrile

Test Method: With reference to EN 13130-3:2004,Materials and articles in contact with foodstuffs. Plastics substances subject to limitation. Determination of acrylonitrile in food and food simulants, analysis was performed by GC-MS.

Test Condition: 3% acetic acid, 70 $^\circ \!\! \mathrm{C}$, 2h

				The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result
				008	008	008
Migration of	ma/ka	0.01	0.01			
Acrylonitrile	шу/ку	0.01	0.01	N.D.	N.D.	N.D.
Comment*:			PASS			

1) MDL = Method Detection Limit.

2) N.D. = Not detected, less than MDL.

6: Specific migration of Extractable formaldehyde

Test Method: With reference to EN 13130-1:2004, followed by analysis by UV-vis.

Test condition: 3% acetic acid, 70°C, 2h

				The 1 st	The 2 nd	The 3 rd
TEST ITEM	UNIT	MDL	LIMIT	Result	Result	Result
				010	010	010
migration of	ma/ka	3 15				
Formaldehyde	Formaldehyde		15	N.D.	N.D.	N.D.
Comment*:				PASS		

1) MDL = Method Detection Limit.

2) N.D. = Not detected, less than MDL.



7: Sensory test

Test Method: Sensory test with reference to DIN 10955:2024.

Test procedure:

1. Clean the appliance as stated in the DFU under chapter "before first use".

2. Fill the appliance with the food simulant (drinking water) to the max indication and start the appliance.

- 3. The extract is collected after the cycle has finished.
- 4. The extract will be used for sensory test.

TESTITEM	Maximum Barmiasible Limit	TEST RESULT
		014
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0
Comment:	PASS	

Scale evaluation:

0: No perceptible odour and taste

- 1: Odour and taste just perceptible (still difficult to define)
- 2: Moderate odour and taste
- 3: Moderately strong odour and taste
- 4: Strong odour and taste



8: Specific Migration of Hexamethylenediamine

Test method: Sample preparation with reference to EN 13130-1: 2004 with selection of simulant and condition, followed by analysis by GC-FID.

Test Condition: 3% acetic acid, 70°C, 2h

		Maximum	The 1 st	The 2 nd	The 3 rd
Test Items	Unit	Permissible	Result	Result	Result
		Limit	009☆	009☆	009☆
Specific migration of Hexamethylenediamine	mg/kg	2.4	<1.0	<1.0	<1.0
Comm		PASS			

		Maximum	The 1 st	The 2 nd	The 3 rd
Test Items	Unit	Permissible	Result	Result	Result
		Limit	011☆	011☆	011☆
Specific migration of Hexamethylenediamine	mg/kg	2.4	<1.0	<1.0	<1.0
Comm		PASS			

1) MDL = Method Detection Limit.

2) \ddagger Test result was carried out in lab accredited by DEKRA.



Test item	Description	
001	silvery metal	
002	silvery metal	
003	silvery metal	
004	silvery metal	
005	silvery metal	I 2 3 4 5 6 7 8 9 10 11
006	silvery metal	
007	silvery metal	



Report No.:6200698-1.5	0QS	Page 29 of 31
008	transparent plastic	
009	black plastic	
010	black plastic	
011	black plastic	1 3 3 4 5 6 7 7 8 9 10 11 12 10 14 15 16 17 16 19 20 13 22 15 14
012	black silicone	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 1
013	black silicone	
014	Dough Make	

----- End of Report



Please note that every statement made in this report is only valid for the samples tested and reported herein. Samples were provided by applicant. Without consent of the testing organization, this report shall not be reproduced except in full and the clients shall not be unauthorized use of test results for improper propaganda. DEKRA declines any responsibility with deviations required by the customer that may affect the validity of result. The information is provided by the customer in this report may affect the validity of the results, the test lab is not responsible for it. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to calculate the uncertainty associated with the measurement result, unless the specification, standard or customer have special requirements. This report is not used for social proof function in China market.



Annex

Reference model: UU-P31400, UU-P31500, UU-P31600

Reference photo:



The samples shown in the annex have not been tested or have not been fully tested in the current test report. The photos are included as per applicant's request for reference purpose only.