

**MICROPLANE INTERNATIONAL**  
Schnackenburgallee 41d  
22525 Hamburg  
Germany

Fürth, January 19<sup>th</sup>, 2011**Test report No. FUHL 1032365**

General note: Copying this test report partially is permitted only in agreement with the contracted lab. The tests results refer only to the tested item. This report consists of 2 page(s). Test methods marked with \* are not listed in our accreditation document.

Sample description: **Grater Gourmet & Professional – Decal (ABS), grommet and rubber feet**

Sample entry: 21.12.2010  
Testing period: 21.12.2010 – 19.01.2011  
Sampling through client  
Head of analytical Department: Ines Zitterbart

**Test results****1. Physical and chemical testing****1.1. Polycyclic aromatic hydrocarbons according to US- EPA in mg/kg**

Method: ZEK 01.2-08 2008

Limit of determination: 0.1 mg/kg each n.d. = not detectable

**Mixed sample of decal (ABS), grommet and rubber feet:**

1	Naphthalene	0.3	9	Benzo(a)anthracene	n.d.
2	Acenaphthylene	n.d.	10	Chrysene	n.d.
3	Acenaphthene	n.d.	11	Benzo(b)fluoranthene	n.d.
4	Fluorene	n.d.	12	Benzo(k)fluoranthene	n.d.
5	Phenanthrene	0.2	13	Benzo(a)pyrene	n.d.
6	Anthracene	n.d.	14	Indeno(1,2,3-cd)pyrene	n.d.
7	Fluoranthene	n.d.	15	Dibenzo(a,h)anthracene	n.d.
8	Pyrene	n.d.	16	Benzo(ghi)perylene	n.d.
				<b>Sum</b>	<b>0.5</b>

**Status: passed**

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**1.2. Total content of heavy metals**

Method: DIN EN ISO 1122 - DIN EN ISO 11885 (ICP)

<b>Sample</b>	Mixed sample of decal (ABS), grommet and rubber feet
<b>Cadmium mg/kg</b>	< 5
<b>Lead mg/kg</b>	< 10
<b>Status:</b>	<b>Passed</b>

Requirement Lead: max. 100 mg/kg

Requirement Cadmium: max. 100 mg/kg

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Staatlich geprüfte Lebensmittelchemikerin

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Fürth, January 19<sup>th</sup>, 2011

## Test report No. FUHL 1032364

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Sample description: **Grater Premium & Classic – Decal (Styrene), grommet and rubber feet)**

Sample entry: 21.12.2010  
Testing period: 21.12.2010 – 19.01.2011  
Sampling through client  
Head of analytical Department: Ines Zitterbart

## Test results

### 1. Physical and chemical testing

#### 1.1. Polycyclic aromatic hydrocarbons according to US- EPA in mg/kg

Method: ZEK 01.2-08 2008

Limit of determination: 0.1 mg/kg each n.d. = not detectable

#### Mixed sample of decal, grommet and rubber feet:

1	Naphthalene	0.5	9	Benzo(a)anthracene	n.d.
2	Acenaphthylene	n.d.	10	Chrysene	n.d.
3	Acenaphthene	n.d.	11	Benzo(b)fluoranthene	n.d.
4	Fluorene	n.d.	12	Benzo(k)fluoranthene	n.d.
5	Phenanthrene	0.4	13	Benzo(a)pyrene	n.d.
6	Anthracene	n.d.	14	Indeno(1,2,3-cd)pyrene	n.d.
7	Fluoranthene	n.d.	15	Dibenzo(a,h)anthracene	n.d.
8	Pyrene	n.d.	16	Benzo(ghi)perylene	n.d.
<b>Sum</b>					<b>0.9</b>

**Status: passed**

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**1.2. Total content of heavy metals**

Method: DIN EN ISO 1122 - DIN EN ISO 11885 (ICP)

<b>Sample</b>	Mixed sample of decal, grommet and rubber feet
<b>Cadmium mg/kg</b>	< 5
<b>Lead mg/kg</b>	< 10
<b>Status:</b>	<b>Passed</b>

Requirement Lead: max. 100 mg/kg

Requirement Cadmium: max. 100 mg/kg

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**MICROPLANE INTERNATIONAL**  
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Fürth, January 19<sup>th</sup>, 2011

## Test report No. FUHL 1032363

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Sample description: **Grater Classic – Handle**

Sample entry: 21.12.2010  
Testing period: 21.12.2010 – 19.01.2011  
Sampling through client  
Head of analytical Department: Ines Zitterbart

### Test results

#### 1. Physical and chemical testing

##### 1.1. Polycyclic aromatic hydrocarbons according to US- EPA in mg/kg

Method: ZEK 01.2-08 2008

Limit of determination: 0.1 mg/kg each n.d. = not detectable

1	Naphthalene	0.1	9	Benzo(a)anthracene	n.d.
2	Acenaphthylene	n.d.	10	Chrysene	n.d.
3	Acenaphthene	n.d.	11	Benzo(b)fluoranthene	n.d.
4	Fluorene	n.d.	12	Benzo(k)fluoranthene	n.d.
5	Phenanthrene	n.d.	13	Benzo(a)pyrene	n.d.
6	Anthracene	n.d.	14	Indeno(1,2,3-cd)pyrene	n.d.
7	Fluoranthene	n.d.	15	Dibenzo(a,h)anthracene	n.d.
8	Pyrene	n.d.	16	Benzo(ghi)perylene	n.d.
<b>Sum</b>					<b>0.1</b>

**Status: passed**

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**1.2. Total content of heavy metals**

Method: DIN EN ISO 1122 - DIN EN ISO 11885 (ICP)

<b>Cadmium mg/kg</b>	<b>&lt; 5</b>
<b>Lead mg/kg</b>	<b>&lt; 10</b>
<b>Status:</b>	<b>Passed</b>

Requirement Lead: max. 100 mg/kg

Requirement Cadmium: max. 100 mg/kg

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Fürth, January 19<sup>th</sup>, 2011

## Test report No. FUHL 1033308

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Sample description: **Grater Premium & Gourmet – Handle (different colours)**

Sample entry: 21.12.2010  
Testing period: 21.12.2010 – 19.01.2011  
Sampling through client  
Head of analytical Department: Ines Zitterbart

### Test results

#### 1. Physical and chemical testing

##### 1.1. Polycyclic aromatic hydrocarbons according to US- EPA in mg/kg

Method: ZEK 01.2-08 2008

Limit of determination: 0.1 mg/kg each n.d. = not detectable

#### Mixed sample of black, yellow and red handle:

1	Naphthalene	0.4	9	Benzo(a)anthracene	n.d.
2	Acenaphthylene	n.d.	10	Chrysene	n.d.
3	Acenaphthene	n.d.	11	Benzo(b)fluoranthene	n.d.
4	Fluorene	n.d.	12	Benzo(k)fluoranthene	n.d.
5	Phenanthrene	0.2	13	Benzo(a)pyrene	n.d.
6	Anthracene	n.d.	14	Indeno(1,2,3-cd)pyrene	n.d.
7	Fluoranthene	n.d.	15	Dibenzo(a,h)anthracene	n.d.
8	Pyrene	0.2	16	Benzo(ghi)perylene	n.d.
<b>Sum</b>					<b>0.8</b>

**Status: passed**

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Porst & Partner

**Mixed sample of green and pink handle:**

1	Naphthalene	0.3	9	Benzo(a)anthracene	n.d.
2	Acenaphthylene	n.d.	10	Chrysene	n.d.
3	Acenaphthene	n.d.	11	Benzo(b)fluoranthene	n.d.
4	Fluorene	n.d.	12	Benzo(k)fluoranthene	n.d.
5	Phenanthrene	0.1	13	Benzo(a)pyrene	n.d.
6	Anthracene	n.d.	14	Indeno(1,2,3-cd)pyrene	n.d.
7	Fluoranthene	n.d.	15	Dibenzo(a,h)anthracene	n.d.
8	Pyrene	n.d.	16	Benzo(ghi)perylene	n.d.
<b>Sum</b>					<b>0.4</b>

**Status: passed**

**Mixed sample of brown and orange handle:**

1	Naphthalene	0.3	9	Benzo(a)anthracene	n.d.
2	Acenaphthylene	n.d.	10	Chrysene	n.d.
3	Acenaphthene	n.d.	11	Benzo(b)fluoranthene	n.d.
4	Fluorene	n.d.	12	Benzo(k)fluoranthene	n.d.
5	Phenanthrene	0.6	13	Benzo(a)pyrene	n.d.
6	Anthracene	n.d.	14	Indeno(1,2,3-cd)pyrene	n.d.
7	Fluoranthene	0.1	15	Dibenzo(a,h)anthracene	n.d.
8	Pyrene	0.1	16	Benzo(ghi)perylene	n.d.
<b>Sum</b>					<b>1.1</b>

**Status: passed**

**1.2. Total content of heavy metals**

Method: DIN EN ISO 1122 - DIN EN ISO 11885 (ICP)

Sample	Mixed sample of black, yellow and red handle	Mixed sample of green and pink handle	Mixed sample of brown and orange handle
<b>Cadmium mg/kg</b>	< 5	< 5	< 5
<b>Lead mg/kg</b>	< 10	< 10	< 10
<b>Status:</b>	<b>Passed</b>	<b>Passed</b>	<b>Passed</b>

Requirement Lead: max. 100 mg/kg

Requirement Cadmium: max. 100 mg/kg



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## Test report No. FUHL 1032362

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Sample description: **Grater Gourmet & Professional – Blade (302 stainless steel)**

Sample entry: 21.12.2010  
Testing period: 21.12.2010 – 19.01.2011  
Sampling through client  
Head of analytical Department: Ines Zitterbart

## Test results

### 1. Sensory testing

Method: § 64 LFGB L 00.90-6\* – Testing conditions: water demin(1h / 40°C)

<b>Appearance</b>	Clear, colourless
<b>Odour</b>	Neutral
<b>Taste</b>	Neutral
<b>Status:</b>	<b>Passed</b>



2. **Physical and chemical testing – Migration of metals**  
Method: § 64 LFGB B 80.30- DIN EN ISO 11885 (ICP)  
Testing conditions: 3 % acetic acid (1h / 40°C)

Results in  $\mu\text{g}/\text{dm}^2$ :

Aluminium	< 7.1	Iron	1300
Arsenic	1.3	Manganese	12
Cadmium	< 0.1	Nickel	21
Chromium	21	Lead	< 0.4
Copper	4.8	Zinc	21

Status: passed

**Summary:**

Regarding the tested parameters the sample fulfills the requirements of Regulation (EC) 1935/2004 and LFGB and therefore is considered to be suitable for contact with food products.

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Fürth, January 19<sup>th</sup>, 2011

## Test report No. FUHL 1032361

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Sample description: **Grater Premium & Classic – Blade (419 stainless steel)**

Sample entry: 21.12.2010  
Testing period: 21.12.2010 – 19.01.2011  
Sampling through client  
Head of analytical Department: Ines Zitterbart

## Test results

### 1. Sensory testing

Method: § 64 LFGB L 00.90-6\* – Testing conditions: water demin(1h / 40°C)

<b>Appearance</b>	Clear, colourless
<b>Odour</b>	Neutral
<b>Taste</b>	Neutral
<b>Status:</b>	<b>Passed</b>



- 2. Physical and chemical testing – Migration of metals**  
Method: § 64 LFGB B 80.30- DIN EN ISO 11885 (ICP)  
Testing conditions: 3 % acetic acid (1h / 40°C)

Results in  $\mu\text{g}/\text{dm}^2$ :

Aluminium	< 7.1	Iron	13
Arsenic	< 0.7	Manganese	< 0.4
Cadmium	< 0.1	Nickel	< 0.4
Chromium	< 0.4	Lead	< 1.1
Copper	0.7	Zinc	3.8

Status: passed

**Summary:**

Regarding the tested parameters the sample fulfills the requirements of Regulation (EC) 1935/2004 and LFGB and therefore is considered to be suitable for contact with food products.

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