


Haahr & Co. varenr. 2025950, 2025952 2025954, 2025956 2025958	Declaration of Conformity for knives and cutlery made of stainless steel with various handles Version 1, 15.10.2012, DL	Page:1 of 4 Gældende for Haahr & Co. A/S Ibrugtagningsdato/ Godkendt af 26/10-15 OL
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1	<p>Haahr & Co. A/S Mådevej 20 6700 Esbjerg</p> <p>Tlf. +45 75 12 80 00 Fax +45 75 12 27 19</p> <p>http://www.haahr-co.dk</p>	
2	Identification of the Product: <ul style="list-style-type: none"> • <u>Name</u> • <u>Item No.</u> • <u>Description</u> • <u>Material</u> • <u>Photo</u> 	<p style="text-align: center;"> BORDKNIV - P3-KNIV - 2025950 SPISEGAFFEL - P3-GAFFEL - 2025952 SPISESKE P3 - P3-SPISESKE - 2025954 THESKE P3 - P3-THESKE - 2025956 KAGEGAFFEL P3 - P3-KAGEGAFFEL - 2025958 </p> <div style="text-align: center;">  </div>

Haahr & Co. varenr. 2025950, 2025952 2025954, 2025956 2025958	Declaration of Conformity for knives and cutlery made of stainless steel with various handles Version 1, 15.10.2012, DL	Page:2 of 4 Gældende for Haahr & Co. A/S Ibrugtagningsdato/ Godkendt af 26/10-15 OL
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3	<p><u>General EU compliance:</u></p> <p>These articles comply with the requirements of Regulation 1935/2004-EC, and are produced and handled in accordance with the requirements of good manufacturing practice in Regulation 2023/2006-EC.</p> <p><u>Specific EU compliance for plastic handles in contact with food:</u></p> <p>Plastic handles are considered to be food contact materials only to the extent blade design probable that there will be contact with food. On the blades with forged knife spine, the handle is not regarded a food contact material.</p> <p>There are only used monomers, other parent compounds, macromolecules obtained from microbial fermentation, additives and polymerization excipients specified in Annex I to 10/2011-EU.</p> <p>The articles that are covered by this compliance:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Contains no substances, or their degradation products, for which restrictions and/or specifications and/or purity criteria in Annex I and Annex II to 10/2011-EU are set, or pursuant to Directives 2008/60/EC, 95/45/EC and 2008/84/EC. <input type="checkbox"/> Contains substances, or their degradation products, for which restrictions and/or specifications and/or purity criteria in Annex I and Annex II to 10/2011-EU are met, or pursuant to Directives 2008/60/EC, 95/45/EC and 2008/84/EC. <p>We have trial data and/or theoretical calculations available documenting that limit values for total and possibly specific migration, as well as any purity criteria, are met under the worst possible uses within the intended and foreseeable scope.</p> <p><u>Health risk assessment of the metal:</u></p> <p>The knives/cutlery is suitable for contact with food under the section 4 specified conditions, as they meet the requirements for purity, composition and staining given in:</p> <ul style="list-style-type: none"> • French and Italian legislation on metallic food contact materials and/or • US-FDA FOOD CODE 2009 AND NFS/ANSI 51 - 2012 on Food Equipment Materials. <p><u>Health risk assessment of raw and oiled wood and bamboo handles in contact with food:</u></p> <p>There is only utilized an untreated or oiled wood/bamboo variety which have traditionally been used for the handles, or in direct contact with food, and are deemed appropriate.</p> <p>For the oiling, tempered vegetable oils are used that are suitable for contact with food.</p>
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Haahr & Co. varenr. 2025950, 2025952 2025954, 2025956 2025958	Declaration of Conformity for knives and cutlery made of stainless steel with various handles Version 1, 15.10.2012, DL	Page:3 of 4 Gældende for Haahr & Co. A/S Ibrugtagningsdato/ Godkendt af 26/10-15 DL
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4	<p>The knives/cutlery is suitable for contact with all types of food at the expected and foreseeable use.</p> <p>The knives/cutlery is designed for cooking, serving and eating foods at temperatures up to 100 °C.</p> <p>Representative samples of these, or similar articles, have been examined for compliance with the requirements of Section 3 and the articles in this lot are produced under similar conditions, using identical raw materials, from the same manufacturer.</p> <p>If the Danish Food Authorities so requests, Haahr & Co. A/S will provide the necessary background documentation.</p>
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DALPER – Cutelarias e Produtos de Mesa, S.A.

Caldas das Taipas, 23rd October 2015



Date

On behalf of Haahr & Co. A/S

Haahr & Co. varenr. 2025950, 2025952 2025954, 2025956 2025958	Declaration of Conformity for knives and cutlery made of stainless steel with various handles Version 1, 15.10.2012, DL	Page:4 of 4 Gældende for Haahr & Co. A/S Ibrugtagingsdato/ Godkendt af 26/10-15 DL
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Haahr & Co. Isenkram A/S
Mådevej 20 - 6700 Esbjerg
Tlf: 7512 8000
www.haahr-co.dk

D. Jørgensen
Signature

26/10-15
Date

Test Report

Customer:	Dalper - Cutelaria e Produtos de Mesa, SA	Report No.:	(25415)138-247744
	Rua de S. Martinho N 1 853 4805-538 Sao Martinho Sande Portugal	Report Version:	1
Contact Person:	Mr. Armando Silva	Date of Reception:	29.04.2015
Customer Reference:	Knife F420	Report Date:	18.05.2015
		Date of Order:	23.04.2015
		Sampled By:	client

Sample Information

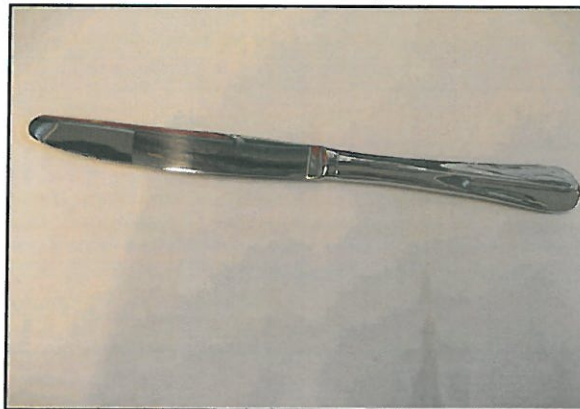
Requirements:	Tested according to "Food contact" requirements		
Sample Description:	Knife - Stainless Steel AISI 420, col. bright		
Performance Date:	04.05.2015 - 18.05.2015	No. of workdays:	10

Overall Rating

The test results of the analyzed samples /
PASS /
the Food contact requirements. /

Submitted Samples

Nr. 1



Summary of Test Results
Tested according to "Food contact" requirements

Tests required	Conclusion	Remark
Heavy metals, extractable	Pass	
Sensory test - change of odour and taste through direct contact, acidic and aqueous food - still water	Pass	

Tested Samples

Article No	Sample ID	Sample description
	247744-01	1) Knife

Test Results

Tested according to "Food contact" requirements

Sample Description:		Lab Reference No:	
1) Knife		247744-01	
Test Method / Standard: Sensory test - change of odour and taste through direct contact, acidic and aqueous food - still water: DIN 10955			
Test Location: Parameter has been analyzed at BVCPs laboratory Schwerin.			
Parameter	Limit	Result	Rating
Change of odour (grade)	≤ 2.5	0	Pass
Change of taste (Grade)	≤ 2.5	0	Pass
Test duration		2 hours	No Specification
Temperature		70°C	No Specification
Test Method / Standard: Heavy metals (23 elements) EDQM / COE Guideline: Metals and alloys used in food contact materials and articles			
Test Location: Parameter has been analyzed at BVCPs laboratory Schwerin.			
Parameter	Limit	Result	Rating
Envelope volume		375 cm ³	No Specification
Lithium (Li) - 1. Migrate		<0.01 mg/kg	No Specification
Lithium (Li) - 2. Migrate		<0.01 mg/kg	No Specification
Lithium (Li) - Sum 1.+2. Migrate	≤ 0.336 mg/kg	<0.01 mg/kg	Pass
Lithium (Li) - 3. Migrate	≤ 0.048 mg/kg	<0.01 mg/kg	Pass
Beryllium (Be) - 1. Migrate		<0.001 mg/kg	No Specification
Beryllium (Be) - 2. Migrate		<0.001 mg/kg	No Specification
Beryllium (Be) - Sum 1.+2. Migrate	≤ 0.35 mg/kg	<0.001 mg/kg	Pass
Beryllium (Be) - 3. Migrate	≤ 0.05 mg/kg	<0.001 mg/kg	Pass
Magnesium (Mg) - 1. Migrate		<5 mg/kg	No Specification
Magnesium (Mg) - 2. Migrate		<5 mg/kg	No Specification
Magnesium (Mg) - Sum 1.+2. Migrate		<5 mg/kg	No Specification
Magnesium (Mg) - 3. Migrate		<5 mg/kg	No Specification
Aluminium (Al) - 1. Migrate		<0.1 mg/kg	No Specification
Aluminium (Al) - 2. Migrate		<0.1 mg/kg	No Specification
Aluminium (Al) - Sum 1.+2. Migrate	≤ 35 mg/kg	<0.1 mg/kg	Pass
Aluminium (Al) - 3. Migrate	≤ 5 mg/kg	<0.1 mg/kg	Pass
Titanium (Ti) - 1. Migrate		<0.5 mg/kg	No Specification
Titanium (Ti) - 2. Migrate		<0.5 mg/kg	No Specification
Titanium (Ti) - Sum 1.+2. Migrate		<0.5 mg/kg	No Specification
Titanium (Ti) - 3. Migrate		<0.5 mg/kg	No Specification
Vanadium (V) - 1. Migrate		<0.002 mg/kg	No Specification
Vanadium (V) - 2. Migrate		<0.002 mg/kg	No Specification
Vanadium (V) - Sum 1.+2. Migrate	≤ 0.35 mg/kg	<0.002 mg/kg	Pass
Vanadium (V) - 3. Migrate	≤ 0.05 mg/kg	<0.002 mg/kg	Pass
Chromium (Cr) - 1. Migrate		<0.1 mg/kg	No Specification
Chromium (Cr) - 2. Migrate		<0.1 mg/kg	No Specification
Chromium (Cr) - Sum 1.+2. Migrate	≤ 7.0 mg/kg	<0.1 mg/kg	Pass
Chromium (Cr) - 3. Migrate	≤ 1.0 mg/kg	<0.1 mg/kg	Pass
Manganese (Mn) - 1. Migrate		<0.1 mg/kg	No Specification
Manganese (Mn) - 2. Migrate		<0.1 mg/kg	No Specification
Manganese (Mn) - Sum 1.+2. Migrate	≤ 12.6 mg/kg	<0.1 mg/kg	Pass



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Sample Description:		Lab Reference No:	
1) Knife		247744-01	
Test Method / Standard: Heavy metals (23 elements): EDQM / COE Guideline: Metals and alloys used in food contact materials and articles			
Test Location: Parameter has been analyzed at BVCPs laboratory Schwerin.			
Parameter	Limit	Result	Rating
Manganese (Mn) - 3. Migrate	≤ 1.8 mg/kg	<0.1 mg/kg	Pass
Iron (Fe) - 1. Migrate		<5 mg/kg	No Specification
Iron (Fe) - 2. Migrate		<5 mg/kg	No Specification
Iron (Fe) - Sum 1.+2. Migrate	≤ 280 mg/kg	<5 mg/kg	Pass
Iron (Fe) - 3. Migrate	≤ 40 mg/kg	<5 mg/kg	Pass
Cobalt (Co) - 1. Migrate		<0.005 mg/kg	No Specification
Cobalt (Co) - 2. Migrate		<0.005 mg/kg	No Specification
Cobalt (Co) - Sum 1.+2. Migrate	≤ 0.7 mg/kg	<0.005 mg/kg	Pass
Cobalt (Co) - 3. Migrate	≤ 0.1 mg/kg	<0.005 mg/kg	Pass
Nickel (Ni) - 1. Migrate		<0.02 mg/kg	No Specification
Nickel (Ni) - 2. Migrate		<0.02 mg/kg	No Specification
Nickel (Ni) - Sum 1.+2. Migrate	≤ 4.9 mg/kg	<0.02 mg/kg	Pass
Nickel (Ni) - 3. Migrate	≤ 0.7 mg/kg	<0.02 mg/kg	Pass
Zinc (Zn) - 1. Migrate		<1 mg/kg	No Specification
Zinc (Zn) - 2. Migrate		<1 mg/kg	No Specification
Zinc (Zn) - Sum 1.+2. Migrate	≤ 35 mg/kg	<1 mg/kg	Pass
Zinc (Zn) - 3. Migrate	≤ 5 mg/kg	<1 mg/kg	Pass
Copper (Cu) - 1. Migrate		<0.5 mg/kg	No Specification
Copper (Cu) - 2. Migrate		<0.5 mg/kg	No Specification
Copper (Cu) - Sum 1.+2. Migrate	≤ 28 mg/kg	<0.5 mg/kg	Pass
Copper (Cu) - 3. Migrate	≤ 4 mg/kg	<0.5 mg/kg	Pass
Arsenic (As) - 1. Migrate		<0.001 mg/kg	No Specification
Arsenic (As) - 2. Migrate		<0.001 mg/kg	No Specification
Arsenic (As) - Sum 1.+2. Migrate	≤ 0.07 mg/kg	<0.001 mg/kg	Pass
Arsenic (As) - 3. Migrate	≤ 0.01 mg/kg	<0.001 mg/kg	Pass
Molybdenum (Mo) - 1. Migrate		<0.01 mg/kg	No Specification
Molybdenum (Mo) - 2. Migrate		<0.01 mg/kg	No Specification
Molybdenum (Mo) - Sum 1.+2. Migrate	≤ 4.2 mg/kg	<0.01 mg/kg	Pass
Molybdenum (Mo) - 3. Migrate	≤ 0.6 mg/kg	<0.01 mg/kg	Pass
Silver (Ag) - 1. Migrate		<0.01 mg/kg	No Specification
Silver (Ag) - 2. Migrate		<0.01 mg/kg	No Specification
Silver (Ag) - Sum 1.+2. Migrate	≤ 0.56 mg/kg	<0.01 mg/kg	Pass
Silver (Ag) - 3. Migrate	≤ 0.08 mg/kg	<0.01 mg/kg	Pass
Cadmium (Cd) - 1. Migrate		<0.001 mg/kg	No Specification
Cadmium (Cd) - 2. Migrate		<0.001 mg/kg	No Specification
Cadmium (Cd) - Sum 1.+2. Migrate	≤ 0.14 mg/kg	<0.001 mg/kg	Pass
Cadmium (Cd) - 3. Migrate	≤ 0.02 mg/kg	<0.001 mg/kg	Pass
Tin (Sn) - 1. Migrate		<5 mg/kg	No Specification
Tin (Sn) - 2. Migrate		<5 mg/kg	No Specification
Tin (Sn) - Sum 1.+2. Migrate	≤ 700 mg/kg	<5 mg/kg	Pass
Tin (Sn) - 3. Migrate	≤ 100 mg/kg	<5 mg/kg	Pass
Antimony (Sb) - 1. Migrate		<0.004 mg/kg	No Specification
Antimony (Sb) - 2. Migrate		<0.004 mg/kg	No Specification
Antimony (Sb) - Sum 1.+2. Migrate	≤ 1.4 mg/kg	<0.004 mg/kg	Pass
Antimony (Sb) - 3. Migrate	≤ 0.2 mg/kg	<0.004 mg/kg	Pass
Barium (Ba) - 1. Migrate		<0.1 mg/kg	No Specification
Barium (Ba) - 2. Migrate		<0.1 mg/kg	No Specification
Barium (Ba) - Sum 1.+2. Migrate	≤ 8.4 mg/kg	<0.1 mg/kg	Pass

Bureau Veritas
Consumer Products Services Germany GmbH
www.bureauveritas.de/cps
Phone: +49 (0)40 - 740 41 - 0
Managing Director: Dipl.-Ing. Michael Grytz
Laboratory Accreditation ISO 17025
Reg.No. Schwerin HRB 3564

Hamburg
Oehleckerring 40, 22419 Hamburg
cps-hamburg@de.bureauveritas.com

Schwerin
Wilhelm-Hennemann-Str. 8, 19061 Schwerin
cps-schwerin@de.bureauveritas.com

Türkheim
Businesspark A96, 86842 Türkheim
cps-tuerkheim@de.bureauveritas.com

Nuremberg, European Compliance Laboratory
Thurn-und-Taxis-Str. 18, 90411 Nuremberg
cps-nuernberg@de.bureauveritas.com

Sample Description: 1) Knife		Lab Reference No: 247744-01	
Test Method / Standard: Heavy metals (23 elements): EDQM / COE Guideline: Metals and alloys used in food contact materials and articles			
Test Location: Parameter has been analyzed at BVCPs laboratory Schwerin.			
Parameter	Limit	Result	Rating
Barium (Ba) - 3. Migrate	≤ 1.2 mg/kg	<0.1 mg/kg	Pass
Mercury (Hg) - 1. Migrate		<0.0004 mg/kg	No Specification
Mercury (Hg) - 2. Migrate		<0.0004 mg/kg	No Specification
Mercury (Hg) - Sum 1.+2. Migrate	≤ 0.105 mg/kg	<0.0004 mg/kg	Pass
Mercury (Hg) - 3. Migrate	≤ 0.015 mg/kg	<0.0004 mg/kg	Pass
Thalium (Tl) - 1. Migrate		<0.00005 mg/kg	No Specification
Thalium (Tl) - 2. Migrate		<0.00005 mg/kg	No Specification
Thalium (Tl) - Sum 1.+2. Migrate	≤ 0.0035 mg/kg	<0.00005 mg/kg	Pass
Thalium (Tl) - 3. Migrate	≤ 0.0005 mg/kg	<0.00005 mg/kg	Pass
Lead (Pb) - 1. Migrate		<0.002 mg/kg	No Specification
Lead (Pb) - 2. Migrate		<0.002 mg/kg	No Specification
Lead (Pb) - Sum 1.+2. Migrate	≤ 0.28 mg/kg	<0.002 mg/kg	Pass
Lead (Pb) - 3. Migrate	≤ 0.04 mg/kg	<0.002 mg/kg	Pass
Remark: migration 2 h at 70°C with 0.5% Citric acid Migration 2 Std. bei 70°C mit 0,5% Citronensäure			

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The test result relates only to the tested item. Without the written consent of Bureau Veritas Consumer Products Services Germany GmbH excerpts of this report shall not be reproduced. Tests not covered by the laboratory's testing spectrum may be subcontracted to an accredited laboratory. The accreditation relates to competences stated on the accreditation certificate. If nothing else has been agreed on samples are stored for 3 months. All tested parameters are listed in the appendix.

The testing of mixed samples is carried out at the customer's explicit request and may imply a deviation from the testing standard. Please note the following: results for mixed samples that are below the limit may exceed the limit if the samples contained in the mixed sample are tested individually. In these cases separate testing of the samples is recommended.

Performance Date: 04.05.2015 - 18.05.2015

Total Run Time: 10



Dr. Tim Lubinus
Analytical Testing Specialist

No results printed beyond this point in the report

Detailed Method Descriptions

Analysis / Test: Sensory test - change of odour and taste through direct contact, acidic and aqueous food - still water
Rating: 0 = no observable deviation 1 = minor deviation 2 = small deviation 3 = clear deviation 4 = significant deviation

Parameters & CAS No.

Heavy metals (23 elements)	(CAS No.)
Lithium (Li) - Sum 1.+2. Migrate (17341-24-1)	
Iron (Fe) - Sum 1.+2. Migrate (7439-89-6)	
Lead (Pb) - 1. Migrate (7439-92-1)	
Magnesium (Mg) - 1. Migrate (7439-95-4)	
Mercury (Hg) - 1. Migrate (7439-97-6)	
Molybdenum (Mo) - 1. Migrate (7439-98-7)	
Nickel (Ni) - 1. Migrate (7440-02-0)	
Silver (Ag) - 1. Migrate (7440-22-4)	
Tin (Sn) - 1. Migrate (7440-31-5)	
Titanium (Ti) - 1. Migrate (7440-32-6)	
Antimony (Sb) - 1. Migrate (7440-36-0)	
Arsenic (As) - 1. Migrate (7440-38-2)	
Barium (Ba) - 1. Migrate (7440-39-3)	
Beryllium (Be) - Sum 1.+2. Migrate (7440-41-7)	
Cadmium (Cd) - 1. Migrate (7440-43-9)	
Chromium (Cr) - Sum 1.+2. Migrate (7440-47-3)	
Cobalt (Co) - Sum 1.+2. Migrate (7440-48-4)	
Copper (Cu) - 1. Migrate (7440-50-8)	
Vanadium (V) - Sum 1.+2. Migrate (7440-62-2)	
Zinc (Zn) - 1. Migrate (7440-66-6)	
Manganese (Mn) - Sum 1.+2. Migrate (8075-39-6)	
Thalium (Tl) - 1. Migrate (82870-81-3)	
Aluminium (Al) - Sum 1.+2. Migrate (91728-14-2)	

Test Report

Customer:	Dalper - Cutelaria e Produtos de Mesa, SA	Report No.:	(25415)138-247117
	Rua de S. Martinho N 1 853 4805-538 Sao Martinho Sande Portugal	Report Version:	1
Contact Person:	Mr. Armando Silva	Date of Reception:	29.04.2015
Customer Reference:	Fork G430	Report Date:	18.05.2015
		Date of Order:	23.04.2015
		Sampled By:	client

Sample Information

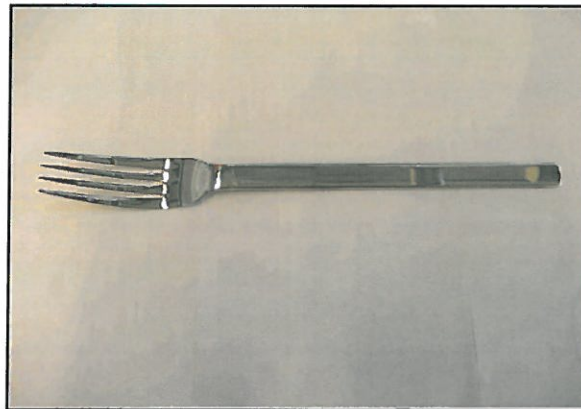
Requirements:	Tested according to "Food contact" requirements		
Sample Description:	Fork - Stainless Steel AISI 430, col. bright		
Performance Date:	04.05.2015 - 18.05.2015	No. of workdays:	11

Overall Rating

The test results of the analyzed samples /
PASS /
the Food contact requirements. /

Submitted Samples

Nr. 1



Summary of Test Results
Tested according to "Food contact" requirements

Tests required	Conclusion	Remark
Heavy metals, extractable	Pass	
Sensory test - change of odour and taste through direct contact, acidic and aqueous food - still water	Pass	

Tested Samples

Article No	Sample ID	Sample description
	247117-01	1) Fork

Test Results

Tested according to "Food contact" requirements

Sample Description:		Lab Reference No:	
1) Fork		247117-01	
Test Method / Standard: Sensory test - change of odour and taste through direct contact, acidic and aqueous food - still water. DIN 10955			
Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.			
Parameter	Limit	Result	Rating
Change of odour (grade)	≤ 2.5	0	Pass
Change of taste (Grade)	≤ 2.5	0	Pass
Test duration		2 hours	No Specification
Temperature		70°C	No Specification
Test Method / Standard: Heavy metals (23 elements). EDQM / COE Guideline: Metals and alloys used in food contact materials and articles			
Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.			
Parameter	Limit	Result	Rating
Envelope volume		250 cm ³	No Specification
Lithium (Li) - 1. Migrate		<0.01 mg/kg	No Specification
Lithium (Li) - 2. Migrate		<0.01 mg/kg	No Specification
Lithium (Li) - Sum 1.+2. Migrate	≤ 0.336 mg/kg	<0.01 mg/kg	Pass
Lithium (Li) - 3. Migrate	≤ 0.048 mg/kg	<0.01 mg/kg	Pass
Beryllium (Be) - 1. Migrate		<0.001 mg/kg	No Specification
Beryllium (Be) - 2. Migrate		<0.001 mg/kg	No Specification
Beryllium (Be) - Sum 1.+2. Migrate	≤ 0.35 mg/kg	<0.001 mg/kg	Pass
Beryllium (Be) - 3. Migrate	≤ 0.05 mg/kg	<0.001 mg/kg	Pass
Magnesium (Mg) - 1. Migrate		<5 mg/kg	No Specification
Magnesium (Mg) - 2. Migrate		<5 mg/kg	No Specification
Magnesium (Mg) - Sum 1.+2. Migrate		<5 mg/kg	No Specification
Magnesium (Mg) - 3. Migrate		<5 mg/kg	No Specification
Aluminium (Al) - 1. Migrate		<0.1 mg/kg	No Specification
Aluminium (Al) - 2. Migrate		<0.1 mg/kg	No Specification
Aluminium (Al) - Sum 1.+2. Migrate	≤ 35 mg/kg	<0.1 mg/kg	Pass
Aluminium (Al) - 3. Migrate	≤ 5 mg/kg	<0.1 mg/kg	Pass
Titanium (Ti) - 1. Migrate		<0.5 mg/kg	No Specification
Titanium (Ti) - 2. Migrate		<0.5 mg/kg	No Specification
Titanium (Ti) - Sum 1.+2. Migrate		<0.5 mg/kg	No Specification
Titanium (Ti) - 3. Migrate		<0.5 mg/kg	No Specification
Vanadium (V) - 1. Migrate		<0.002 mg/kg	No Specification
Vanadium (V) - 2. Migrate		<0.002 mg/kg	No Specification
Vanadium (V) - Sum 1.+2. Migrate	≤ 0.35 mg/kg	<0.002 mg/kg	Pass
Vanadium (V) - 3. Migrate	≤ 0.05 mg/kg	<0.002 mg/kg	Pass
Chromium (Cr) - 1. Migrate		<0.1 mg/kg	No Specification
Chromium (Cr) - 2. Migrate		<0.1 mg/kg	No Specification
Chromium (Cr) - Sum 1.+2. Migrate	≤ 7.0 mg/kg	<0.1 mg/kg	Pass
Chromium (Cr) - 3. Migrate	≤ 1.0 mg/kg	<0.1 mg/kg	Pass
Manganese (Mn) - 1. Migrate		<0.1 mg/kg	No Specification
Manganese (Mn) - 2. Migrate		<0.1 mg/kg	No Specification
Manganese (Mn) - Sum 1.+2. Migrate	≤ 12.6 mg/kg	<0.1 mg/kg	Pass



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D-PL-12024-02-01

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Sample Description: 1) Fork		Lab Reference No: 247117-01	
Test Method / Standard: Heavy metals (23 elements): EDQM / COE Guideline: Metals and alloys used in food contact materials and articles			
Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.			
Parameter	Limit	Result	Rating
Manganese (Mn) - 3. Migrate	≤ 1.8 mg/kg	<0.1 mg/kg	Pass
Iron (Fe) - 1. Migrate		<5 mg/kg	No Specification
Iron (Fe) - 2. Migrate		<5 mg/kg	No Specification
Iron (Fe) - Sum 1.+2. Migrate	≤ 280 mg/kg	<5 mg/kg	Pass
Iron (Fe) - 3. Migrate	≤ 40 mg/kg	<5 mg/kg	Pass
Cobalt (Co) - 1. Migrate		<0.005 mg/kg	No Specification
Cobalt (Co) - 2. Migrate		<0.005 mg/kg	No Specification
Cobalt (Co) - Sum 1.+2. Migrate	≤ 0.7 mg/kg	<0.005 mg/kg	Pass
Cobalt (Co) - 3. Migrate	≤ 0.1 mg/kg	<0.005 mg/kg	Pass
Nickel (Ni) - 1. Migrate		<0.02 mg/kg	No Specification
Nickel (Ni) - 2. Migrate		<0.02 mg/kg	No Specification
Nickel (Ni) - Sum 1.+2. Migrate	≤ 4.9 mg/kg	<0.02 mg/kg	Pass
Nickel (Ni) - 3. Migrate	≤ 0.7 mg/kg	<0.02 mg/kg	Pass
Zinc (Zn) - 1. Migrate		<1 mg/kg	No Specification
Zinc (Zn) - 2. Migrate		<1 mg/kg	No Specification
Zinc (Zn) - Sum 1.+2. Migrate	≤ 35 mg/kg	<1 mg/kg	Pass
Zinc (Zn) - 3. Migrate	≤ 5 mg/kg	<1 mg/kg	Pass
Copper (Cu) - 1. Migrate		<0.5 mg/kg	No Specification
Copper (Cu) - 2. Migrate		<0.5 mg/kg	No Specification
Copper (Cu) - Sum 1.+2. Migrate	≤ 28 mg/kg	<0.5 mg/kg	Pass
Copper (Cu) - 3. Migrate	≤ 4 mg/kg	<0.5 mg/kg	Pass
Arsenic (As) - 1. Migrate		<0.001 mg/kg	No Specification
Arsenic (As) - 2. Migrate		<0.001 mg/kg	No Specification
Arsenic (As) - Sum 1.+2. Migrate	≤ 0.07 mg/kg	<0.001 mg/kg	Pass
Arsenic (As) - 3. Migrate	≤ 0.01 mg/kg	<0.001 mg/kg	Pass
Molybdenum (Mo) - 1. Migrate		<0.01 mg/kg	No Specification
Molybdenum (Mo) - 2. Migrate		<0.01 mg/kg	No Specification
Molybdenum (Mo) - Sum 1.+2. Migrate	≤ 4.2 mg/kg	<0.01 mg/kg	Pass
Molybdenum (Mo) - 3. Migrate	≤ 0.6 mg/kg	<0.01 mg/kg	Pass
Silver (Ag) - 1. Migrate		<0.01 mg/kg	No Specification
Silver (Ag) - 2. Migrate		<0.01 mg/kg	No Specification
Silver (Ag) - Sum 1.+2. Migrate	≤ 0.56 mg/kg	<0.01 mg/kg	Pass
Silver (Ag) - 3. Migrate	≤ 0.08 mg/kg	<0.01 mg/kg	Pass
Cadmium (Cd) - 1. Migrate		<0.001 mg/kg	No Specification
Cadmium (Cd) - 2. Migrate		<0.001 mg/kg	No Specification
Cadmium (Cd) - Sum 1.+2. Migrate	≤ 0.14 mg/kg	<0.001 mg/kg	Pass
Cadmium (Cd) - 3. Migrate	≤ 0.02 mg/kg	<0.001 mg/kg	Pass
Tin (Sn) - 1. Migrate		<5 mg/kg	No Specification
Tin (Sn) - 2. Migrate		<5 mg/kg	No Specification
Tin (Sn) - Sum 1.+2. Migrate	≤ 700 mg/kg	<5 mg/kg	Pass
Tin (Sn) - 3. Migrate	≤ 100 mg/kg	<5 mg/kg	Pass
Antimony (Sb) - 1. Migrate		<0.004 mg/kg	No Specification
Antimony (Sb) - 2. Migrate		<0.004 mg/kg	No Specification
Antimony (Sb) - Sum 1.+2. Migrate	≤ 1.4 mg/kg	<0.004 mg/kg	Pass
Antimony (Sb) - 3. Migrate	≤ 0.2 mg/kg	<0.004 mg/kg	Pass
Barium (Ba) - 1. Migrate		<0.1 mg/kg	No Specification
Barium (Ba) - 2. Migrate		<0.1 mg/kg	No Specification
Barium (Ba) - Sum 1.+2. Migrate	≤ 8.4 mg/kg	<0.1 mg/kg	Pass

Bureau Veritas
Consumer Products Services Germany GmbH
www.bureauveritas.de/cps
Phone: +49 (0)40 - 740 41 - 0
Managing Director: Dipl.-Ing. Michael Grytz
Laboratory Accreditation ISO 17025
Reg.No. Schwerin HRB 3564

Hamburg
Oehleckerweg 40, 22419 Hamburg
cps-hamburg@de.bureauveritas.com

Schwerin
Wilhelm-Hennemann-Str. 8, 19061 Schwerin
cps-schwerin@de.bureauveritas.com

Türkheim
Businesspark A96, 86842 Türkheim
cps-tuerkheim@de.bureauveritas.com

Nuremberg, European Compliance Laboratory
Thurn-und-Taxis-Str. 18, 90411 Nuremberg
cps-nuemberg@de.bureauveritas.com

Sample Description:	1) Fork		Lab Reference No:	247117-01
Test Method / Standard:	Heavy metals (23 elements): EDQM / COE Guideline. Metals and alloys used in food contact materials and articles			
Test Location:	Parameter has been analyzed at BVCPs laboratory Schwerin.			
Parameter	Limit	Result	Rating	
Barium (Ba) - 3. Migrate	≤ 1.2 mg/kg	<0.1 mg/kg	Pass	
Mercury (Hg) - 1. Migrate		<0.0004 mg/kg	No Specification	
Mercury (Hg) - 2. Migrate		<0.0004 mg/kg	No Specification	
Mercury (Hg) - Sum 1.+2. Migrate	≤ 0.105 mg/kg	<0.0004 mg/kg	Pass	
Mercury (Hg) - 3. Migrate	≤ 0.015 mg/kg	<0.0004 mg/kg	Pass	
Thalium (Tl) - 1. Migrate		<0.00005 mg/kg	No Specification	
Thalium (Tl) - 2. Migrate		<0.00005 mg/kg	No Specification	
Thalium (Tl) - Sum 1.+2. Migrate	≤ 0.0035 mg/kg	<0.00005 mg/kg	Pass	
Thalium (Tl) - 3. Migrate	≤ 0.0005 mg/kg	<0.00005 mg/kg	Pass	
Lead (Pb) - 1. Migrate		<0.002 mg/kg	No Specification	
Lead (Pb) - 2. Migrate		<0.002 mg/kg	No Specification	
Lead (Pb) - Sum 1.+2. Migrate	≤ 0.28 mg/kg	<0.002 mg/kg	Pass	
Lead (Pb) - 3. Migrate	≤ 0.04 mg/kg	<0.002 mg/kg	Pass	
Remark:	migration 2 h at 70°C with 0.5% Citric acid Migration 2 Std. bei 70°C mit 0,5% Citronensäure			

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The testing of mixed samples is carried out at the customer's explicit request and may imply a deviation from the testing standard. Please note the following: results for mixed samples that are below the limit may exceed the limit if the samples contained in the mixed sample are tested individually. In these cases separate testing of the samples is recommended.

Performance Date: 04.05.2015 - 18.05.2015

Total Run Time: 11



Dr. Tim Lubinus
Analytical Testing Specialist

No results printed beyond this point in the report

Detailed Method Descriptions

Analysis / Test:	Sensory test - change of odour and taste through direct contact, acidic and aqueous food - still water
Rating:	0 = no observable deviation 1 = minor deviation 2 = small deviation 3 = clear deviation 4 = significant deviation

Parameters & CAS No.

Heavy metals (23 elements)	(CAS No.)
Lithium (Li) - 1. Migrate (17341-24-1)	
Iron (Fe) - 1. Migrate (7439-89-6)	
Lead (Pb) - 1. Migrate (7439-92-1)	
Magnesium (Mg) - 1. Migrate (7439-95-4)	
Mercury (Hg) - 1. Migrate (7439-97-6)	
Molybdenum (Mo) - 1. Migrate (7439-98-7)	
Nickel (Ni) - 1. Migrate (7440-02-0)	
Silver (Ag) - 1. Migrate (7440-22-4)	
Tin (Sn) - 1. Migrate (7440-31-5)	
Titanium (Ti) - 1. Migrate (7440-32-6)	
Antimony (Sb) - 1. Migrate (7440-36-0)	
Arsenic (As) - 1. Migrate (7440-38-2)	
Barium (Ba) - 1. Migrate (7440-39-3)	
Beryllium (Be) - 1. Migrate (7440-41-7)	
Cadmium (Cd) - 1. Migrate (7440-43-9)	
Chromium (Cr) - 1. Migrate (7440-47-3)	
Cobalt (Co) - 1. Migrate (7440-48-4)	
Copper (Cu) - 1. Migrate (7440-50-8)	
Vanadium (V) - 1. Migrate (7440-62-2)	
Zinc (Zn) - 1. Migrate (7440-66-6)	
Manganese (Mn) - 1. Migrate (8075-39-6)	
Thalium (Tl) - 1. Migrate (82870-81-3)	
Aluminium (Al) - 1. Migrate (91728-14-2)	