

**Chemistry – Food Chemistry**

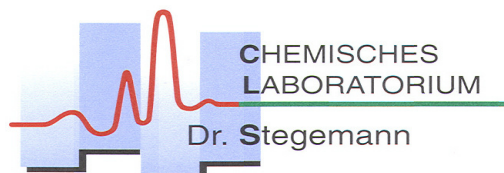
**Biochemistry – Microbiology**

**Material Testing - Expert Opinions**

Chemical Laboratory Dr. Stegemann  
Leimbrink 2 – D-49124 Georgsmarienhütte

**SFC Umwelttechnik GmbH**

Julius-Welser Str. 15  
**A-5020 Salzburg**  
Austria



*From the chamber of commerce publicly appointed and sworn court-appointed expert for chemistry, chemistry of waste, physical and chemical tests of synthetic materials, oils, building materials and corrosion*

Authorized chamber of Commerce:  
Osnabrück-Emsland-County Bentheim

Water-Waste Water-Drinking Water -Technical  
Water-Groundwater-Soil-Food-Hygiene-Objects of  
Daily Use-Industrial Waste-Advisory Service in  
Waste Water Disposal-Material Testing-  
Court Experts Evidence for Material Damages-  
Expert Opinions on Emission Control

**09.06.2017/st**

## EU Declaration of Compliance

**1**

The identity and address of the business operator issuing the declaration of compliance:

Chemisches Laboratorium Dr. Stegemann  
Leimbrink 2, D-49124 Georgsmarienhütte

**2**

The identity and address of the business operator which manufactures, imports or uses the plastic materials or articles or products from intermediate stages of their manufacturing or the substances intended for the manufacturing of those materials and articles or having directly food contact:

SFC Umwelttechnik GmbH  
Julius-Welser Str. 15  
A-5020 Salzburg  
Austria

**3**

The identity of the materials, the articles, products from intermediate stages of manufacture or the substances intended for the contact with food:

Membrane Bundle PE 1700/400

**4**

The date of the declaration:

09.06.17

**Accredited Laboratory:**

**Communication:**

Phone 0049 5401 8636-0  
FAX 0049 5401 8636-36  
e-mail: info@labor-stegemann.de  
www.labor-stegemann.de



Deutsche  
Akkreditierungsstelle  
D-PL-14080-01-00

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5

Confirmation that the plastic materials or articles, products from intermediate stages of manufacture or the substances meet the relevant requirements laid down in Regulation EU 10/2011 and Regulation (EC) No 1935/2004:

Hereby we confirm that the articles specified above meet the requirements of following acts:

Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food;

Regulation No 1935/2004 of the European Parliament and of the Council of 27<sup>th</sup> October 2004 on materials and articles intended to come into contact with food;

Directive No. 62/1994 about limit values of certain metals in materials and articles intended to come into contact with food;

## Detailed Informations about about the material testing

### Specification of the intended contact

*intended use* : filtration of drinking water

*intended food contact for which the compliance can be confirmed* : drinking water

*related simulants according to Annex III part 4* : 10 % Ethanol (Simulant A)

*related test conditions (overall migration) for which the compliance can be confirmed* : 10 minutes at 20 °C (modified according to real process conditions)

*related test conditions (specific migration of metals) for which the compliance can be confirmed* : 10 minutes at 20 °C (modified according to real process conditions)

*test period* : 10.05.2017 - 31.05.2017

## Test results

### 1. Overall Migration

Simulant	Overall Migration mg/dm <sup>2</sup> DIN EN 1186-1-3 F / V = 5	Limit Value mg/dm <sup>2</sup>
Ethanol 10 % Simulant A	8,5	10,0

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## 2. Specific Migration

Simulant	Metal	Specific Migration (VO (EU) 10/2011) mg/kg Simulant	Limit Value (VO (EU) 10/2011) mg/kg Simulant
Ethanol 10 % Simulant A	Aluminium	< 0,5	1
	Barium	< 0,4	1
	Cobalt	< 0,05	0,05
	Copper	< 0,1	5
	Iron	< 7	48
	Lithium	< 0,5	0,6
	Manganese	< 0,5	0,6
	Zinc	< 0,9	5
		Measured Value mg/l Simulant	Limit Value (Drinking Water Ordinance) mg/l
	Mercury	< 0,001	0,001
	Chromium	< 0,02	0,05
	Cadmium	< 0,002	0,003
	Lead	< 0,005	0,01
	Sum Silanes	< 1	--

*D. Stegemann*

Dr. Dirk Stegemann  
- test chord -



**From the Lower Saxony State Office for Consumer Protection Food Safety  
officially approved cross check expert for microbiological and chemical  
analysis and assessment of food and commodities of all kind**