

Chemistry – Food Chemistry

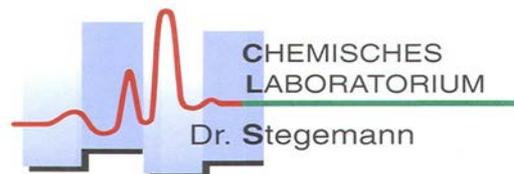
Biochemistry – Microbiology

Material Testing - Expert Opinions

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

HAHN Kunststoffe GmbH

Gebäude 1027
D-55483 Hahn-Flughafen



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

26.07.2021

EU Declaration of Compliance

1912 121070028

page 1 of 2

Hereby we confirm that the plastic:

HAHN 9006889

complies with the following act:

Commission Regulation (EU) No 10/2011 of 14 January 2011 (last update 08/2016) on plastic materials and articles intended to come into contact with food as a specific regulation referring to the regulation No 1935/2004 of the European Parliament.

The overall migration according to *annex 1* of the regulation lies among the regulatory limit of the Commission Regulation (EU) No 10/2011 for the applied contact times, contact temperatures and contact simulants subsequently mentioned.

Specification of the intended contact

<i>intended use</i>	: different applications
<i>intended food contact for which the compliance can be confirmed</i>	: all kind of food ¹
<i>related simulants according to Annex III part 4</i>	: Ethanol 10 % (simulant A) Acetic Acid 3 % (simulant B) Ethanol 95 % (simulant D2 replacement) Isooctane (simulant D2 replacement)
<i>related test conditions (overall migration) for which the compliance can be confirmed</i>	: 20 min at 50 °C ²
<i>test period</i>	: 07.07.2021 - 13.07.2021

¹according to Annex III Table 3 regulation EU 10/2011

²modified according to the worst case possible contact time and contact temperature

Accredited Laboratory:

Communication:

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



Continuation of the *Declaration of Compliance* No. **1912-121070028** from 26.07.2021

Test results¹

Simulant	Overall Migration mg/dm ² DIN EN 14338 / DIN EN 1186	Limit Value mg/dm ²
Ethanol 10 % simulant A	3,2	10,0
Acetic Acid 3 % (simulant B)	2,6	10,0
Ethanol 95 % (simulant D2 replacement)	4,2	10,0
Isooctane (simulant D2 replacement)	8,6	10,0

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**

¹ The cartridge was tested as a whole with all components