

Chemistry – Food Chemistry

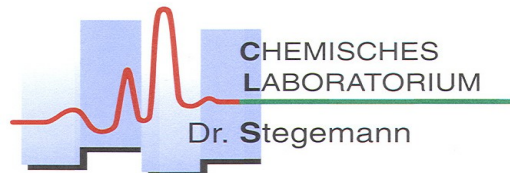
Biochemistry – Microbiology

Material Testing - Expert Opinions

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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

20.06.2023

Confirmation of Compliance

27-123050461

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We hereby confirm that the alloy

Dörrenberg 1.4112 FM

is suitable for use in contact with food and drinking water.

The Specific Migration (SLR) of the critical metals according to page 27 table 1 and 2 meet the requirements of the European Directorate for Quality of Medicines & Health Care „Metals and alloys used in food contact materials and articles“ (2013).

The established conformity applies to all types of food (aqueous, alcoholic, fatty und acidic food) with long-term contact at room temperature an below as well as hot contact up to 100 °C for 2 hours.

In addition, the alloy meets for each element the requirements of page 174 for multiple contact (repeated use): *Result Measurement 1 + Result Measurement 2 < 7 x SRL*.

The detailed analytical results are listet in the test reports:

123050461,123050542,123050543 (Migration in artificial tap water)

123050462,123050544,123050545 (Migration in Acidic Acid Solution 5 g/l)

Dr. Dirk Stegemann
- Test Leader -



**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**

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