

Aschaffenburg, 1 June 2023

From: Eis-pf
Authorized by: Eisert

REPORT

Order No.: 13437/119-1 **Page 1 of 2 pages**

Client: Semperit Technische Produkte GmbH
Triester Bundesstraße 26
2632 Wimpassing
Austria

Date of order: 16 May 2023

Receipt of sample material: 19 May 2023

Origin of sample material: From the client

Purpose: Analysis of nitrile gloves for the overall migration


(Dr. Hillmann)

Authorized food chemist


(Eisert)

M. Sc. Food chemistry
Project manager

The present report exclusively refers to the samples mentioned. It meets the requirements of the DIN EN ISO/IEC 17025:2018 for simplified test reports. Additional information and statistical data on the results are available upon request.

Sample Material

For analysis the following sample material was in hand:

Sample 1: NOF-030VB-N (Kumho KNL 834, Poly lac 580N)
Lot: 030000495177-000038

Carrying out of the Tests

Examination period: 22 May 2023 to 30 May 2023

Determination of the Overall Migration *

The migration was performed as a determination in duplicate according to the series of standards EN 1186:2002-07, in connection with the DIN EN 1186-2:2022-10, the DIN EN 1186-3:2022-10 as well as the EN 13130-1:2004-08 and CEN/TS 14234:2003-01 were considered.

The test simulants as well as the contact conditions were chosen in accordance with the requirements of BfR Recommendation XXI/1 as well as the JRC125894, 2021 „Testing conditions for kitchenware articles in contact with foodstuffs: Plastics, Metals, Silicone & Rubber“.

Conditions: 10 minutes at 40 °C

Test simulants: acetic acid 3 % (w/w) (food simulant B)
ethanol 10 % (v/v) (food simulant A)
ethanol 50 % (v/v) (food simulant D1)
ethanol 95 % (v/v) (instead of food simulant D2)
isooctane (instead of food simulant D2)

Testing procedure: one-sided contact (exterior side)

Result:	acetic acid 3%:			4.4	mg/dm ²
	ethanol 10%:	not quantifiable	<	3	mg/dm ²
	ethanol 50%:	not quantifiable	<	3	mg/dm ²
	ethanol 95%:			5.7	mg/dm ²
	isooctane:	not quantifiable	<	3	mg/dm ²

The accreditation applies to the methods marked with * in the test report (Register no. D-PL-14160-01-01 and D-PL-14160-01-02).

End of report