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Fürth, May 25/2020

TEST REPORT No. FUFDCP2020-01495 – A

Date sample received: February 21/2020
Date additional sample received: March 31/2020
Period of testing: March 31/2020 - May 25/2020
Technical Director: Kerstin Scharrer
Food contact testing according to client's request

Abbreviations:

* = Test method is not part of the accreditation scope
** = Outsourcing
n.a. = not applicable
n.t. = not tested
n.d. = not determinable (< LoQ)
LoQ = limit of quantification
CS = Combined sample
P = passed
F = failed

Sample description:

Polypropylene tableware – FUL



Tested component	Sample Description
No. 1	Cup red
No. 2	Plate small green
No. 3	Plate big blue
No. 4	Cup blue
No. 5	Plate small red
No. 6	Cup green
No. 7	Cup grey
No. 8	Plate grey + red
No. 9	Plate blue + green

1. Sensory testing

Method: DIN 10955 (2004-06)*

Testing conditions: Tap water (2h / 70°C)

Tester: 6 test persons

Single results:

Sample No. 4	Appearance	Odour	Taste
Tester 1	0	1	1
Tester 2	0	2 (plastic)	2 (plastic / sweet)
Tester 3	0	1	1
Tester 4	0	1	1
Tester 5	0	0	0
Tester 6	0	1	1
Evaluation (Median)	0 Neutral	1 Very slight aberration	1 Very slight aberration

Status: passed

Evaluation scale:

0= no aberration, neutral

1= very slight aberration, barely perceivable

2= slight aberration

3= significant aberration

4= strong aberration

Requirement: no significant deterioration (Limit: 2.5)

2. Global migration

Method: DIN EN 1186 (2002-07 / 2002-12)

Limit of quantification: 1.0 mg/dm²

Inaccuracy of measurement: ± 2 mg/ dm² for acetic acid 3% and Ethanol 10%
 ± 3 mg/ dm² for oil

Requirement max. 10 mg/dm²

Testing procedure: total immersion

a) Testing conditions: Acetic acid 3% (2h / 70°C)

Surface- / Volume ratio: 0.55 cm² / 55 ml

Sample	No. 3
Global migration mg/dm ²	n.d.
Status	passed

b) Testing conditions: Ethanol 10% (2h / 70°C)

Surface- / Volume ratio: 0.67 dm² / 70 ml

Sample	No. 3
Global migration mg/dm ²	1.6
Status	passed

c) Testing conditions: vegetable oil (2h / 70°C)**

Surface- / Volume ratio: 1 dm² / 100 ml

Sample	No. 1
Global migration mg/dm ²	n.d.
Status	passed

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