

Koopman Int BV
Distelweg 88
Amsterdam
THE NETHERLANDS

Fürth, 18 August 2025

TEST REPORT No. FUFDCP2025-04152

Date sample received: 07 July 2025
Testing period: 31 July 2025 - 18 August 2025
Technical Director: Kerstin Scharrer
Food contact testing according to client's request
Testing according to: Directive 2005/31/EEC, Reg(EC)1935/2004

Abbreviations

* = Test method is not part of the accreditation scope
** = Outsourcing
= Subsequent delivery
CS = Combined sample
F = failed
n.a. = not applicable
n.d. = not determinable (< RL)
ND = not detectable
P = passed
RL = Reporting limit
SML = specific migration limit
SMR = specific migration reference value
SRL = specific release limit

Sample description: Wine glass, Item No.: CC7000280-626051-2, Material: Glass



1. Sensory testing

Test method: DIN 10955:2024-01 (mod.)*

Type of sensory test: Difference from control test

Testing conditions: Water_{demin} (2h / 70°C), article filling for ⅓

Surface/volume ratio: 137 cm² / 280 ml

Single results:

Parameter	Appearance	Odour	Taste
Tester 1	0	0	1.5 (bitter, astringent)
Tester 2	0	1	1.5 (sweet, bitter)
Tester 3	0	2 (sweet, fruity)	2.5 (sweet, bitter)
Tester 4	0	1	1.5 (bitter, astringent)
Tester 5	0	1	1
Tester 6	0	1	1
Evaluation (Median)	---	1	1.5
Status	passed		

Evaluation scale:

0 = no aberration

1 = just perceptible deviation, still difficult to define (stimulus threshold)

2 = weak deviation, definable (detection threshold)

3 = significant aberration

4 = strong aberration

Requirement: no deterioration in the organoleptic characteristics (evaluation level of the median < 3 when tested with a test foodstuff)

2. Metal Migration – Hollow ware

Test method: DIN EN 1388-1/-2:1995-11 / ICP-OES: DIN EN ISO 11885:2009-09

Test conditions: Acetic acid 4% (24h / 20-22°C)

Filling volume: 420 ml

Number of tested samples: 1

Parameter	CAS	Results	RL	Limit
Cadmium mg/l	7440-43-9	n.d.	0.05	0.3 / 0.1
Cobalt mg/l	7440-48-4	n.d.	0.010	0.05 (GMP)
Lead mg/l	7439-92-1	n.d.	0.050	4.0 / 1.5
Status		passed		

Niedrigeres Limit gilt für Koch- und Backgeräte / Verpackungs- und Lagerbehältnisse mit mehr als 3 Liter Füllvolumen /
in Frankreich zusätzlich: Artikel, die in der Mikrowelle verwendet werden (Kennzeichnung oder vorhersehbar wie z.B. Teller, Tassen, Schüsseln)

3. Metal Migration – 3rd Migration (France)

Test method: DIN EN 1388-1/-2:1995-11 / ICP-OES: DIN EN ISO 11885:2009-09 and As: ICP-MS: DIN EN ISO 17294-2:2024-03

Test conditions: Acetic acid 4% (24h / 20-22°C)

Filling volume: 420 ml

Number of tested samples: 1

Parameter	CAS	Results	RL	Limit
Aluminium mg/kg	7429-90-5	n.d.	0.50	1
Arsenic mg/kg	7440-38-2	n.d.	0.002	ND (<0.002)
Cobalt mg/kg	7440-48-4	n.d.	0.010	0.02
Status		passed		

4. Metal Migration – Drinking rim

Test method: DIN 51032:2017-07* / ICP-OES: DIN EN ISO 11885:2009-09

Test conditions: Acetic acid 4% (24h / 20-22°C)

Volume simulant: 115 ml Drinking rim: 20 mm

Number of tested samples: 1

Parameter	CAS	Results	RL	Limit
Cadmium mg/article	7440-43-9	n.d.	0.05	0.20
Cobalt mg/l	7440-48-4	n.d.	0.010	0.05 (GMP)
Lead mg/article	7439-92-1	n.d.	0.050	2.0
Status		passed		

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