

# Test Report

No.: 70.431.25.18691.01

Date: 2025-11-13



**Applicant:** PF CONCEPT INTERNATIONAL COÖPERATIEF U.A.  
**Address:** SCHIPHOLWEG 59 2316 ZL LEIDEN THE NETHERLANDS  
**Item No:** 12639501  
**Description:** Carafe and 1 glass cup set  
**PO No.:** PO#671545  
**Vendor No.:** #10617  
**Factory No.:** #14213  
**Country of Origin:** CHINA  
**Country of Destination:** EU  
**Receipt Date of Sample:** 2025-10-29  
**Date of Testing:** 2025-10-29 ~ 2025-11-13  
**Sample Submitted:** The sample(s) was (were) submitted by applicant and identified.  
**Test Result:** Refer to the data listed in following pages

| Test Item                                                                                                                                      | Conclusion |
|------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1. Dutch-Verpakkingen en Gebruiksartikelen (Warenwet Packaging and Consumer Articles) Annex Part A, Chapter V- Specific migration of 15 metals | Pass       |
| 2. Dutch-Verpakkingen en Gebruiksartikelen (Warenwet Packaging and Consumer Articles) Annex Part A, Chapter V - Overall Migration Test         | Pass       |
| 3. EU - Directive 84/500/EEC with amendment 2005/31/EC - Extractable Lead and Cadmium                                                          | Pass       |
| 4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content                                                                  | Pass       |
| 5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 63 - Lead Content                                                                     | Pass       |

Remarks: 1. MDL = Method Detection Limit  
2. ND = Not Detected (<MDL)  
3. <= Less than  
4. 1 mg/kg = 1 ppm = 0.0001%

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch  
Testing Center

Prepared by:

Authorized by:



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Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.

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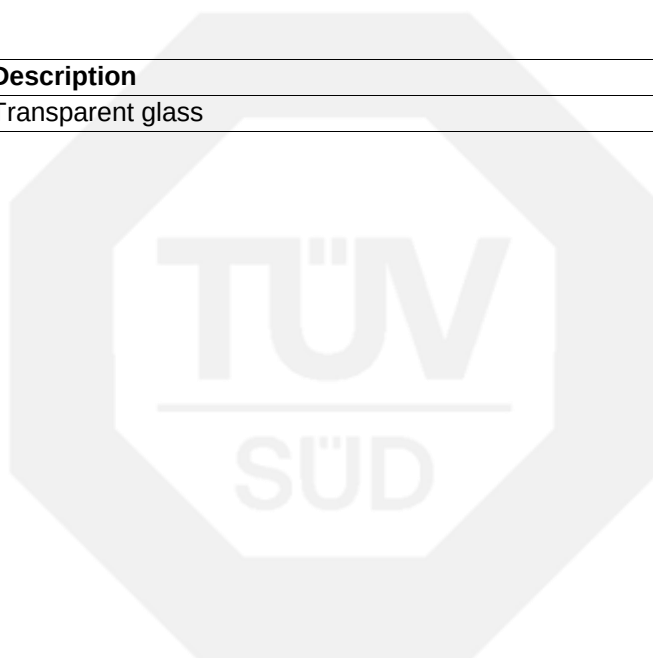
Date: 2025-11-13



## Description of Tested Subject:

| Sample | Description                         | Photo |
|--------|-------------------------------------|-------|
| 001    | Carafe and 1 glass cup set 12639501 |       |

| T. No | Sample | Description       |
|-------|--------|-------------------|
| T1    | 002    | Transparent glass |



## Test Result(s):

1. Dutch-Verpakkingen en Gebruiksartikelen (Warenwet Packaging and Consumer Articles) Annex Part A, Chapter V- Specific migration of 15 metals

Test with reference to in-house method(SOP No:TSPSB-TWI-C-216).

- Test condition: 3% Acetic acid, 40°C 24 hours
- Migration Ratio: 0.8400 L/ 5.1400 dm<sup>2</sup>

| Test Item(s)   | Result(s) [mg/kg]                |                                  |                                  | Limit [mg/kg] | Conclusion |
|----------------|----------------------------------|----------------------------------|----------------------------------|---------------|------------|
|                | 002<br>1 <sup>st</sup> Migration | 002<br>2 <sup>nd</sup> Migration | 002<br>3 <sup>rd</sup> Migration |               |            |
| Antimony (Sb)  | <0.01                            | <0.01                            | <0.01                            | 0.04          | Pass       |
| Arsenic (As)   | <0.001                           | <0.001                           | <0.001                           | 0.01          | Pass       |
| Barium (Ba)    | <0.1                             | <0.1                             | <0.1                             | 1             | Pass       |
| Boron (B)      | <0.5                             | <0.5                             | <0.5                             | 1             | Pass       |
| Cadmium (Cd)   | <0.001                           | <0.001                           | <0.001                           | 0.01          | Pass       |
| Cerium (Ce)    | <0.1                             | <0.1                             | <0.1                             | 1             | Pass       |
| Chromium (Cr)  | <0.01                            | <0.01                            | <0.01                            | 0.1           | Pass       |
| Fluorine (F)   | <0.1                             | <0.1                             | <0.1                             | 1             | Pass       |
| Cobalt (Co)    | <0.01                            | <0.01                            | <0.01                            | 0.05          | Pass       |
| Lithium (Li)   | <0.1                             | <0.1                             | <0.1                             | 0.6           | Pass       |
| Lead (Pb)      | <0.01                            | <0.01                            | <0.01                            | 0.1           | Pass       |
| Manganese (Mn) | <0.1                             | <0.1                             | <0.1                             | 0.6           | Pass       |
| Nickel (Ni)    | <0.01                            | <0.01                            | <0.01                            | 0.02          | Pass       |
| Rubidium (Rb)  | <0.1                             | <0.1                             | <0.1                             | 1             | Pass       |
| Zirconium (Zr) | <0.1                             | <0.1                             | <0.1                             | 2             | Pass       |

2. Dutch-Verpakkingen en Gebruiksartikelen (Warenwet Packaging and Consumer Articles) Annex Part A, Chapter V - Overall Migration Test

EN1186-3:2022 overall migration in evaporable simulants.

- Migration Ratio: 0.8400 L/ 5.1400 dm<sup>2</sup>

| Simulant(s)<br>Used | Test Condition | Result(s) [mg/kg]                |                                  |                                  | Maximum<br>Permissible<br>Limit<br>[mg/kg] | Conclusion |
|---------------------|----------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------------------|------------|
|                     |                | 002<br>1 <sup>st</sup> Migration | 002<br>2 <sup>nd</sup> Migration | 002<br>3 <sup>rd</sup> Migration |                                            |            |
| 3% Acetic acid      | 70°C 2 hours   | 5.88                             | <5                               | <5                               | 60                                         | Pass       |
| 50% Ethanol         | 70°C 2 hours   | <5                               | <5                               | <5                               | 60                                         | Pass       |

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3. EU - Directive 84/500/EEC with amendment 2005/31/EC - Extractable Lead and Cadmium

Test with reference to BS EN 1388-1-1996(R2012).

- Test condition: 22°C 24 hours

| Test Sample No. | Extract Volume [L] | Result [mg/L]    |                     |
|-----------------|--------------------|------------------|---------------------|
|                 |                    | 002              |                     |
|                 |                    | Extractable Lead | Extractable Cadmium |
| 1               | 0.84               | <0.1             | <0.01               |
| Limit           |                    | 4.0              | 0.3                 |
| Conclusion      |                    | Pass             | Pass                |

4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content

Test with reference to EN 1122:2001 Method B, determination by ICP-OES.

| Sample | Unit  | MDL  | Limit | Result(s) | Conclusion |
|--------|-------|------|-------|-----------|------------|
| 002    | mg/kg | 10.0 | 100   | ND        | Pass       |

5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 63 - Lead Content

Test with reference to in-house method, determination by ICP-OES.

| Sample | Unit  | MDL  | Limit | Result(s) | Conclusion |
|--------|-------|------|-------|-----------|------------|
| 002    | mg/kg | 10.0 | 500   | ND        | Pass       |

-End of Test Report-