

**TEST REPORT** No. CPSA/240433669-CB48669  
Job Ref. C&P/2024-04-03-025

**REPORTED DATE:** 25<sup>th</sup> April 2024

**Test Part Description:**

Sample Description : -PLEASE REFER TO PAGE 1-

**Plastic – Overall Migration**

**Regulation** : Commission Regulation (EU) No 10/2011 and its amendments including (EU) 2020/1245  
**Test Method** : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods (1<sup>st</sup> Migration); EN 1186-3:2022 Test methods for overall migration in evaporable simulants.  
**Test Results** :

Simulant Used	Test Condition	Result (mg/dm <sup>2</sup> )	Reporting Limit (mg/dm <sup>2</sup> )	Permissible Limit (mg/dm <sup>2</sup> )
3% Acetic Acid (W/V)	2 hours at 70°C	N.D.	3.0	10
10% Ethanol (V/V)	2 hours at 70°C	N.D.	3.0	10
50% Ethanol (V/V)	2 hours at 70°C	N.D.	3.0	10

**Note** :

1. mg/dm<sup>2</sup> = milligram per square decimeter
2. °C = degree Celsius
3. N.D. = Not Detected
4. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments as requested by client.
5. 3% acetic acid (w/v) is assigned for foods which have a pH below 4.5 (Aqueous food).
6. 10% ethanol (v/v) is assigned for food that have a hydrophilic character and are able to extract hydrophilic substances (Aqueous food).
7. 50% ethanol (v/v) is assigned for alcoholic foods with an alcohol content of above 20 % and for oil in water emulsions (Alcoholic food and milk products).

**Remark** :

1. Analytical tolerance of evaporable simulants is 2 mg/dm<sup>2</sup> or 12 mg/kg.
2. The ratio of surface area to volume used is 10.0 dm<sup>2</sup> per 1 kg of foodstuff in contact with.
3. Test condition & simulant were specified by client.
4. This test report supersedes report no.: CPSA/240433102-CB48669.

SIGNED FOR AND ON BEHALF OF  
SGS (MALAYSIA) SDN BHD

  
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PHOON YUEN THENG  
SECTION HEAD  
IKM NO. L/2549/7587/16

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