

HEMEL EMPRENYE SAN. VE TIC. A.Ş.

İSTANBUL DERİ ORGANİZE SANAYİ BÖLGESİ, VAKUM CAD. NO:25 B-1 ÖZEL PARSEL, AYDINLI-ORHANLI MEVKİİ, TUZLA,34957, İSTANBUL

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To the attention of Mert Çakır

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	HEMEL Kitchenware Oil

Client's reference No. : TR 1664665-RV1
Manufacturer : HEMEL EMPRENYE SAN. VE TIC. A.Ş.
Sample Receiving Date : 23 December 2019
Resubmit Date : 2 March 2020
Test Performing Period : 23 December 2019 ~ 2 January 2020

Overall Conclusion : **See Results**

Test Results : Please refer to the next page(s).

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Test Parameters	Result
Chemical tests	A1
FCM - Sensory Analysis for Packaging Materials and Packages for Food Products	M
FCM - Specific Migration of Formaldehyde	M
Chlorinated Phenols in Wood	*

Remarks	:	M = Meets client's requirement
		F = Exceed client's requirement
		I = Inconclusive
		* = No specified requirement
		# = See individual result: Result over 1/2 or 1/3 of client requirement. There is a possibility of failure on one or more components. Retesting on individual component has been carried out as requested to determine the compliance of each component to the requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).	
	The composite sampling method is based on the client's special request and is a modification from the testing standard.	
	Residual sample can be returned to client if requested.	

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The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.
Reported results do not include uncertainties.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

**IN THIS REVISED-1 REPORT, SAMPLE DESCRIPTION WAS CHANGED BY THE REQUEST OF THE APPLICANT.
THIS REPORT SUPERSEDES OUR REPORT NO:TR1664665 DATED:26.02.2020**

Uğur Yılmaz
Hardline & CPCH Customer Services Team Leader

Bora Şirinbilek
Section Manager




Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	HEMEL Kitchenware Oil	A1	Main	Wood	Brown

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Sensorial Examination of Odour and Taste Test
Test Method : With reference to DIN 10955:2004

Test Media : Deionized water

Number of Panelists : 6

Test Conditions : 10 days at 40°C

<u>Test Item(s)</u>	<u>Result(s) (Point scale)</u>	<u>Permissible Limit (Point Scale)</u>
	A1	
Odour	0	≤ 3
Taste	2,5	≤ 3
Conclusion :		Pass

Note(s) : Intensity scale (rounded at 0,5):

- 0 – No perceptible difference
- 1 – Just perceptible difference
- 2 – Slight difference
- 3 – Marked difference
- 4 – Strong difference

Remark(s) : 1. Permissible Limit is according to German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments.

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Specific Migration of Formaldehyde

Test Method : With reference to SGS In House Test Method RSTS-CHEM-540-1 (with reference to EN13130-1) – Analysis by LC-DAD

Test Conditions : 2 hours at 70 °C (3rd Migration)

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution

<u>Test Item(s)</u>	<u>Result(s)</u> <u>(mg/kg)</u>	<u>Reporting Limit</u> <u>mg/kg)</u>	<u>Permissible Limit</u> <u>mg/kg)</u>
Formaldehyde	A1 n.d.	0,1	15,0

Conclusion : Pass

Note(s) : n.d. = not detected

°C = degree Celsius

mg/kg = milligram per kilogram of foodstuff in contact with

Remark(s) :

1. Test condition & simulant were specified according to EN 13130-1,
2. The ratio of surface area to volume ratio is 5,10 dm² per 1 kg of foodstuff in contact with
3. The volume of simulant used is 0,35 L,
4. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.

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Chlorinated Phenols in Wood

Test Method: CEN/TR 14823:2003 - Analysis by GC-ECD/GC-MS

Component
A1

Pentachlorophenol (PCP)

n.d.

Conclusion
See Results

n.d.=

not detected

Requirement by the client=
No Requirement

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* * *

End of Test Report

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